

Solve for indicated variable.

Document No.EQS8001

1.  $N = \frac{3R+9}{2T}$  for  $R$

6.  $-\frac{4}{v} = \frac{4}{vx} + \frac{5}{x}$  for  $v$

2.  $-2N - 9T = -3R$  for  $N$

7.  $y(z + 7) = z(-2x + 2)$  for  $y$

3.  $-5 = \frac{9u}{ts}$  for  $t$

8.  $\frac{9q+8}{2r} = p$  for  $q$

4.  $-5R - 9T = 7N$  for  $R$

9.  $R(T - 5) = T(-7N + 5)$  for  $N$

5.  $8R - 5T = -4N$  for  $T$

10.  $7a + 2c = -4b$  for  $c$

Solve for indicated variable.

Document No.EQS8002

1.  $\frac{4}{xy} + \frac{3}{y} = \frac{9}{x}$  for  $y$

6.  $-6 = \frac{x}{yz}$  for  $y$

2.  $\frac{3}{xy} - \frac{3}{y} = \frac{3}{x}$  for  $y$

7.  $-4 = \frac{5p}{rq}$  for  $p$

3.  $\frac{8}{b} = \frac{8}{ba} - \frac{4}{a}$  for  $a$

8.  $-3z = -x - 3y$  for  $y$

4.  $\frac{1}{9T}(-4N - 8) = R$  for  $N$

9.  $\frac{5}{x} = \frac{3}{xy} + \frac{9}{y}$  for  $y$

5.  $\frac{4}{x} = \frac{2}{xy} - \frac{8}{y}$  for  $x$

10.  $R(9Q - 9) = P(R - 6)$  for  $Q$

Solve for indicated variable.

Document No.EQS8003

1.  $-9q - 9r = -8p$  for  $r$

6.  $P(-R - 5) = R(-2Q + 6)$  for  $P$

2.  $-7 = \frac{2u}{ts}$  for  $t$

7.  $9s + 3u = t$  for  $s$

3.  $6R = 9N - 9T$  for  $N$

8.  $-9t = 9u + 6s$  for  $u$

4.  $-x - 9y = 2z$  for  $x$

9.  $t(-x + 7) = v(t - 6)$  for  $x$

5.  $\frac{7}{N} = \frac{5}{NT} - \frac{4}{T}$  for  $T$

10.  $\frac{6p+7}{8r} = q$  for  $p$

Solve for indicated variable.

Document No.EQS8004

1.  $\frac{9}{T} = \frac{2}{TN} - \frac{9}{N}$  for  $T$

6.  $2T = 9R - 6N$  for  $R$

2.  $\frac{6}{pq} - \frac{5}{q} = -\frac{6}{p}$  for  $p$

7.  $v(5t + 4) = x(-v + 7)$  for  $t$

3.  $v(-t - 6) = t(-9x - 6)$  for  $v$

8.  $-7x + 5v = -2t$  for  $x$

4.  $-1 = \frac{4x}{yz}$  for  $x$

9.  $\frac{1}{v}(t - 1) = x$  for  $t$

5.  $\frac{5}{pr} + \frac{5}{r} = \frac{9}{p}$  for  $r$

10.  $\frac{6}{ts} + \frac{2}{s} = -\frac{4}{t}$  for  $t$

Solve for indicated variable.

Document No.EQS8005

1.  $\frac{9}{cb} - \frac{8}{b} = \frac{5}{c}$  for  $c$

6.  $N(-T + 6) = T(8R + 4)$  for  $N$

2.  $\frac{1}{7x}(-5v - 4) = t$  for  $x$

7.  $\frac{7t}{su} = 9$  for  $s$

3.  $c(6b + 7) = a(c + 7)$  for  $b$

8.  $\frac{7c+8}{9a} = b$  for  $a$

4.  $9 = \frac{9c}{ab}$  for  $a$

9.  $\frac{1}{5y}(-6x + 4) = z$  for  $y$

5.  $\frac{1}{6b}(-7c - 9) = a$  for  $b$

10.  $R(-8T + 5) = N(-R - 7)$  for  $N$

Solve for indicated variable.

Document No.EQS8006

1.  $\frac{1}{3y}(-3x - 3) = z$  for  $y$

6.  $-\frac{3}{R} = \frac{2}{RQ} - \frac{9}{Q}$  for  $Q$

2.  $c = \frac{b-2}{4a}$  for  $a$

7.  $4s = -u + 5t$  for  $t$

3.  $2 = \frac{8a}{bc}$  for  $a$

8.  $N = \frac{1}{T}(-5R + 4)$  for  $R$

4.  $t(-u - 3) = s(-t + 8)$  for  $u$

9.  $u(t + 6) = t(-6s - 2)$  for  $u$

5.  $y(z - 1) = z(-5x + 7)$  for  $x$

10.  $z = \frac{2x-2}{2y}$  for  $x$

Solve for indicated variable.

Document No.EQS8007

1.  $-9R = 6N + 9T$  for  $N$

6.  $s(t - 1) = t(4u - 6)$  for  $s$

2.  $x = \frac{6v+5}{2t}$  for  $v$

7.  $\frac{1}{u}(-9t - 7) = s$  for  $u$

3.  $-6P = -4Q + 5R$  for  $R$

8.  $-4N = -2T + 7R$  for  $R$

4.  $q(2p - 9) = r(-q - 6)$  for  $r$

9.  $\frac{6}{xy} + \frac{3}{y} = -\frac{9}{x}$  for  $x$

5.  $5u = -2s - 8t$  for  $s$

10.  $z(-7x - 7) = y(z - 7)$  for  $x$

Solve for indicated variable.

Document No.EQS8008

1.  $1 = \frac{5t}{us}$  for  $t$

6.  $\frac{7}{t} = \frac{1}{tu} + \frac{3}{u}$  for  $u$

2.  $v(-x - 5) = x(-4t - 9)$  for  $t$

7.  $-2P + 7R = 5Q$  for  $R$

3.  $8 = \frac{2x}{yz}$  for  $y$

8.  $z = \frac{4x+5}{6y}$  for  $y$

4.  $\frac{5}{a} = \frac{5}{ab} - \frac{4}{b}$  for  $a$

9.  $\frac{1}{xy} + \frac{8}{y} = \frac{5}{x}$  for  $x$

5.  $-4 = \frac{9x}{yz}$  for  $y$

10.  $N = \frac{1}{T}(2R - 2)$  for  $R$



Solve for indicated variable.

Document No.EQS8009

1.  $u = \frac{6s-8}{2t}$  for  $t$

6.  $\frac{4}{t} = \frac{9}{tv} - \frac{5}{v}$  for  $t$

2.  $z = \frac{6x+7}{6y}$  for  $y$

7.  $\frac{5x}{yz} = 8$  for  $y$

3.  $\frac{1}{7t}(-4u+1) = s$  for  $t$

8.  $c(-4b-5) = a(-c-1)$  for  $b$

4.  $y(-z-3) = z(3x+2)$  for  $y$

9.  $t = \frac{7s-1}{8u}$  for  $u$

5.  $s(-5u+3) = t(-s-2)$  for  $u$

10.  $p = \frac{1}{9q}(-9r-8)$  for  $r$

Solve for indicated variable.

Document No.EQS8010

1.  $-6q = r - 4p$  for  $p$

6.  $\frac{1}{s}(-4u - 7) = t$  for  $s$

2.  $Q(-R + 5) = R(-3P - 2)$  for  $P$

7.  $\frac{3}{x} = \frac{8}{xt} - \frac{3}{t}$  for  $t$

3.  $-2 = \frac{t}{vx}$  for  $t$

8.  $7z = -3x + 4y$  for  $x$

4.  $c(-b - 7) = b(-8a + 3)$  for  $c$

9.  $\frac{1}{rq} - \frac{5}{q} = \frac{6}{r}$  for  $q$

5.  $s = \frac{6t+3}{8u}$  for  $u$

10.  $-6x - 5y = 2z$  for  $y$

Solve for indicated variable.

Document No.EQS8011

1.  $z(-3x - 5) = y(-z + 1)$  for  $x$

6.  $t(-s + 4) = s(-5u + 2)$  for  $t$

2.  $-5z = -5x - 2y$  for  $y$

7.  $\frac{1}{T}(8R + 1) = N$  for  $R$

3.  $t(-7x + 9) = v(t + 9)$  for  $v$

8.  $-4z = -5x - 7y$  for  $x$

4.  $1 = \frac{6N}{TR}$  for  $T$

9.  $\frac{6x-2}{8y} = z$  for  $x$

5.  $-5 = \frac{6R}{QP}$  for  $Q$

10.  $-\frac{1}{Q} = \frac{6}{QR} + \frac{8}{R}$  for  $R$

Solve for indicated variable.

Document No.EQS8012

1.  $a(-2c - 6) = b(-a - 8)$  for  $c$

6.  $\frac{4r}{qp} = -6$  for  $q$

2.  $P = \frac{4Q-2}{4R}$  for  $Q$

7.  $v(3x - 3) = t(v - 6)$  for  $x$

3.  $-\frac{9}{p} = \frac{4}{pr} - \frac{6}{r}$  for  $r$

8.  $-5 = \frac{7c}{ab}$  for  $c$

4.  $z = \frac{1}{8y}(-8x - 8)$  for  $y$

9.  $6N = -4T + 3R$  for  $R$

5.  $\frac{4p}{rq} = -4$  for  $p$

10.  $-8z = -6x + 3y$  for  $y$

Solve for indicated variable.

Document No.EQS8013

1.  $-6p + 4q = -5r$  for  $p$

6.  $q(r + 6) = r(-p + 5)$  for  $p$

2.  $-7x - 2y = 3z$  for  $y$

7.  $-3r = -7p + 2q$  for  $p$

3.  $u(s + 3) = s(4t - 5)$  for  $t$

8.  $\frac{2}{R} = \frac{4}{RQ} + \frac{9}{Q}$  for  $R$

4.  $-3t + 8s = 2u$  for  $t$

9.  $8c = -5b + 3a$  for  $b$

5.  $z(-9x + 4) = y(-z + 7)$  for  $y$

10.  $-7 = \frac{4b}{ac}$  for  $b$

Solve for indicated variable.

Document No.EQS8014

1.  $\frac{-p-5}{9r} = q$  for  $p$

6.  $\frac{9x}{vt} = -7$  for  $v$

2.  $-\frac{7}{Q} = \frac{4}{QP} + \frac{3}{P}$  for  $P$

7.  $\frac{1}{3y}(-6x + 7) = z$  for  $y$

3.  $\frac{3q+1}{4p} = r$  for  $q$

8.  $-\frac{3}{x} = \frac{2}{xy} - \frac{6}{y}$  for  $y$

4.  $-5 = \frac{8P}{RQ}$  for  $R$

9.  $-3c - 3a = -6b$  for  $c$

5.  $2t = -s - 7u$  for  $s$

10.  $-1 = \frac{8P}{QR}$  for  $P$

Solve for indicated variable.

Document No.EQS8015

1.  $z = \frac{1}{y}(9x - 4)$  for  $y$

6.  $-2 = \frac{4p}{qr}$  for  $q$

2.  $x + 3y = -3z$  for  $y$

7.  $N(-T - 5) = T(8R + 8)$  for  $R$

3.  $z = \frac{4x-9}{6y}$  for  $y$

8.  $x = \frac{1}{5v}(-9t - 8)$  for  $v$

4.  $y(z - 2) = z(7x - 5)$  for  $x$

9.  $4 = \frac{5T}{RN}$  for  $T$

5.  $T(7N + 4) = R(T + 1)$  for  $R$

10.  $6t = 8u + 9s$  for  $u$

Solve for indicated variable.

Document No.EQS8016

1.  $-4a + 4b = -3c$  for  $b$

6.  $5r - 7q = -p$  for  $q$

2.  $-\frac{8}{Q} = \frac{3}{QR} - \frac{5}{R}$  for  $Q$

7.  $x(-9t + 5) = v(-x - 6)$  for  $v$

3.  $\frac{1}{6y}(-6x + 3) = z$  for  $y$

8.  $9c = 6b - 4a$  for  $a$

4.  $v(x + 2) = x(-7t + 8)$  for  $t$

9.  $Q(-4R - 6) = P(Q - 2)$  for  $P$

5.  $\frac{7}{xy} + \frac{9}{y} = -\frac{2}{x}$  for  $x$

10.  $-\frac{2}{t} = \frac{9}{tu} - \frac{5}{u}$  for  $u$



Solve for indicated variable.

Document No.EQS8017

1.  $5z = 6x + 3y$  for  $y$

6.  $\frac{6b}{ca} = -9$  for  $b$

2.  $\frac{2r}{pq} = -5$  for  $p$

7.  $\frac{9u}{ts} = 8$  for  $t$

3.  $t(9u + 3) = s(-t - 5)$  for  $u$

8.  $u = \frac{7t+6}{3s}$  for  $s$

4.  $y(z + 9) = z(4x - 3)$  for  $x$

9.  $-4T = 9R - 9N$  for  $R$

5.  $r = \frac{8p+4}{8q}$  for  $q$

10.  $\frac{7}{xy} - \frac{3}{y} = \frac{7}{x}$  for  $y$

Solve for indicated variable.

Document No.EQS8018

1.  $\frac{-t+3}{6s} = u$  for  $t$

6.  $-1 = \frac{5x}{yz}$  for  $x$

2.  $-x - 6y = 6z$  for  $x$

7.  $\frac{6Q-2}{5P} = R$  for  $P$

3.  $q(9r - 7) = p(-q + 8)$  for  $r$

8.  $b(-5c + 2) = a(b - 5)$  for  $a$

4.  $\frac{7}{s} = \frac{1}{su} - \frac{9}{u}$  for  $u$

9.  $9x + 4y = -z$  for  $y$

5.  $\frac{4t}{vx} = 5$  for  $t$

10.  $\frac{5}{p} = \frac{8}{pq} - \frac{8}{q}$  for  $q$

Solve for indicated variable.

Document No.EQS8019

1.  $-\frac{3}{x} = \frac{8}{xy} - \frac{7}{y}$  for  $x$

6.  $z(-7x + 9) = y(-z + 1)$  for  $x$

2.  $v(x + 9) = x(-8t + 6)$  for  $t$

7.  $6 = \frac{6x}{yz}$  for  $x$

3.  $-\frac{2}{x} = \frac{2}{xy} + \frac{7}{y}$  for  $y$

8.  $N = \frac{1}{7T}(-5R + 4)$  for  $R$

4.  $q(r - 5) = r(3p - 9)$  for  $p$

9.  $6Q = -6R - 3P$  for  $P$

5.  $\frac{2x}{yz} = -1$  for  $x$

10.  $-8T - 5R = -N$  for  $T$

Solve for indicated variable.

Document No.EQS8020

1.  $\frac{3T}{RN} = 9$  for  $T$

6.  $-3q = -r + 4p$  for  $p$

2.  $R(7Q - 9) = P(R - 9)$  for  $Q$

7.  $u(5s + 5) = t(u - 8)$  for  $s$

3.  $\frac{2R}{PQ} = -2$  for  $R$

8.  $\frac{6a}{cb} = 1$  for  $a$

4.  $-\frac{1}{x} = \frac{2}{xy} - \frac{3}{y}$  for  $x$

9.  $\frac{5t-8}{7s} = u$  for  $s$

5.  $-2a + 4b = 3c$  for  $b$

10.  $5 = \frac{7c}{ba}$  for  $b$

Solve for indicated variable.

Document No.EQS8021

1.  $\frac{8Q}{RP} = -6$  for  $Q$

6.  $\frac{8}{qp} + \frac{2}{p} = -\frac{1}{q}$  for  $p$

2.  $4 = \frac{5x}{yz}$  for  $x$

7.  $-7v + 6x = 8t$  for  $x$

3.  $\frac{2}{xy} - \frac{2}{y} = \frac{3}{x}$  for  $x$

8.  $\frac{7}{xt} - \frac{6}{t} = \frac{5}{x}$  for  $t$

4.  $-\frac{8}{T} = \frac{9}{TN} - \frac{2}{N}$  for  $N$

9.  $-8x - 7t = -8v$  for  $t$

5.  $\frac{9}{ba} + \frac{9}{a} = \frac{9}{b}$  for  $b$

10.  $-8 = \frac{7u}{ts}$  for  $u$

Solve for indicated variable.

Document No.EQS8022

1.  $\frac{4P-3}{2Q} = R$  for  $Q$

6.  $-\frac{3}{x} = \frac{6}{xy} + \frac{6}{y}$  for  $x$

2.  $z(7x - 9) = y(z - 3)$  for  $x$

7.  $3q = 7r - 2p$  for  $r$

3.  $-8 = \frac{5s}{tu}$  for  $t$

8.  $\frac{7b}{ac} = 7$  for  $b$

4.  $8P = -6R + 5Q$  for  $R$

9.  $-3 = \frac{7p}{rq}$  for  $r$

5.  $a(-6b + 9) = c(-a + 8)$  for  $c$

10.  $-5v - 6x = -t$  for  $v$

Solve for indicated variable.

Document No.EQS8023

1.  $\frac{6x-4}{5y} = z$  for  $y$

6.  $\frac{8}{Q} = \frac{7}{QP} - \frac{9}{P}$  for  $Q$

2.  $-\frac{5}{q} = \frac{3}{qr} - \frac{5}{r}$  for  $r$

7.  $z(5x - 9) = y(-z - 1)$  for  $y$

3.  $5T = 4N - 9R$  for  $R$

8.  $\frac{1}{y}(5x - 5) = z$  for  $x$

4.  $z(5x - 6) = y(z - 2)$  for  $x$

9.  $\frac{1}{3b}(-9c - 4) = a$  for  $b$

5.  $-1 = \frac{4x}{yz}$  for  $x$

10.  $R = \frac{4T+5}{2N}$  for  $N$

Solve for indicated variable.

Document No.EQS8024

1.  $P(R - 3) = R(-8Q - 2)$  for  $Q$

6.  $-2 = \frac{5p}{rq}$  for  $r$

2.  $3s = u - 6t$  for  $t$

7.  $9z = -6x + 5y$  for  $x$

3.  $-3 = \frac{x}{yz}$  for  $y$

8.  $q(-p + 6) = p(2r + 4)$  for  $r$

4.  $t = \frac{1}{6x}(-2v + 1)$  for  $x$

9.  $2 = \frac{3x}{yz}$  for  $y$

5.  $c = \frac{1}{7b}(-4a - 1)$  for  $a$

10.  $-s = -t + 3u$  for  $u$



Solve for indicated variable.

Document No.EQS8025

1.  $\frac{1}{xy} + \frac{8}{y} = -\frac{2}{x}$  for  $x$

6.  $7P + 4Q = 7R$  for  $P$

2.  $z(x + 4) = y(z + 9)$  for  $x$

7.  $\frac{1}{9q}(-5r - 8) = p$  for  $q$

3.  $\frac{7}{vt} - \frac{3}{t} = -\frac{4}{v}$  for  $v$

8.  $-4T - 8R = -N$  for  $T$

4.  $6p = -3r + 7q$  for  $q$

9.  $\frac{6}{b} = \frac{9}{ba} + \frac{5}{a}$  for  $a$

5.  $-\frac{5}{t} = \frac{2}{tv} + \frac{9}{v}$  for  $v$

10.  $\frac{2R}{PQ} = 8$  for  $P$

Solve for indicated variable.

Document No.EQS8026

1.  $\frac{x}{yz} = 4$  for  $x$

6.  $\frac{8p}{rq} = -7$  for  $r$

2.  $z(-6x + 2) = y(z - 4)$  for  $y$

7.  $6 = \frac{9b}{ca}$  for  $c$

3.  $\frac{4}{xy} - \frac{3}{y} = -\frac{9}{x}$  for  $x$

8.  $5 = \frac{8r}{pq}$  for  $r$

4.  $-4 = \frac{7p}{rq}$  for  $p$

9.  $\frac{8R+2}{9T} = N$  for  $T$

5.  $r(-9p - 9) = q(-r + 2)$  for  $p$

10.  $-5z = -3x - 7y$  for  $x$

Solve for indicated variable.

Document No.EQS8027

1.  $-7b = -5c + 8a$  for  $a$

6.  $-7T + 8N = -7R$  for  $N$

2.  $8 = \frac{5a}{cb}$  for  $c$

7.  $\frac{2Q+5}{7P} = R$  for  $Q$

3.  $\frac{1}{7q}(-5r - 7) = p$  for  $q$

8.  $\frac{1}{2Q}(-3R - 4) = P$  for  $Q$

4.  $-4q = -p - 6r$  for  $p$

9.  $-2v = 4x + 6t$  for  $t$

5.  $6 = \frac{9x}{yz}$  for  $y$

10.  $5t - 2v = 9x$  for  $v$

Solve for indicated variable.

Document No.EQS8028

1.  $s(8u - 8) = t(s - 5)$  for  $u$

6.  $R(-4T + 9) = N(R - 2)$  for  $T$

2.  $\frac{7c}{ba} = -6$  for  $c$

7.  $\frac{9Q}{RP} = 7$  for  $Q$

3.  $z(-x + 7) = y(-z - 4)$  for  $x$

8.  $1 = \frac{6c}{ba}$  for  $c$

4.  $3 = \frac{3r}{qp}$  for  $q$

9.  $6z = -4x + 6y$  for  $x$

5.  $-1 = \frac{5p}{rq}$  for  $r$

10.  $\frac{2}{x} = \frac{7}{xy} + \frac{8}{y}$  for  $y$

Solve for indicated variable.

Document No.EQS8029

1.  $t(-v + 2) = v(-4x - 2)$  for  $t$

6.  $r = \frac{6q+8}{3p}$  for  $q$

2.  $-4N = 9R + 4T$  for  $R$

7.  $t(-6x - 7) = v(t + 6)$  for  $x$

3.  $t(-4u - 6) = s(-t + 3)$  for  $s$

8.  $y(z + 2) = z(-5x - 2)$  for  $x$

4.  $-\frac{7}{v} = \frac{4}{vx} + \frac{2}{x}$  for  $x$

9.  $-\frac{3}{t} = \frac{3}{tv} + \frac{9}{v}$  for  $t$

5.  $z(6x - 9) = y(z + 1)$  for  $y$

10.  $-\frac{6}{t} = \frac{3}{tv} + \frac{5}{v}$  for  $v$

Solve for indicated variable.

Document No.EQS8030

1.  $-4x - 4y = 7z$  for  $y$

6.  $-\frac{3}{x} = \frac{8}{xy} - \frac{7}{y}$  for  $x$

2.  $q = \frac{1}{4p}(-4r - 8)$  for  $p$

7.  $\frac{4}{qr} - \frac{5}{r} = \frac{2}{q}$  for  $q$

3.  $\frac{4}{tv} - \frac{9}{v} = -\frac{6}{t}$  for  $t$

8.  $z = \frac{1}{3y}(-4x + 7)$  for  $y$

4.  $-z = -4x - 9y$  for  $y$

9.  $-9 = \frac{8s}{tu}$  for  $s$

5.  $6x - 4y = 7z$  for  $y$

10.  $7q = p - 5r$  for  $r$

Solve for indicated variable.

Document No.EQS8031

1.  $\frac{5}{bc} - \frac{6}{c} = -\frac{8}{b}$  for  $b$

6.  $-2R = -N + 6T$  for  $N$

2.  $\frac{9x}{yz} = -8$  for  $y$

7.  $\frac{4}{xy} - \frac{5}{y} = -\frac{9}{x}$  for  $y$

3.  $\frac{9x-3}{6y} = z$  for  $y$

8.  $\frac{3x}{yz} = -6$  for  $x$

4.  $\frac{8}{PR} + \frac{4}{R} = -\frac{7}{P}$  for  $R$

9.  $\frac{9x}{yz} = -7$  for  $y$

5.  $\frac{1}{5c}(-9a + 9) = b$  for  $a$

10.  $\frac{4}{qp} - \frac{6}{p} = -\frac{6}{q}$  for  $q$

Solve for indicated variable.

Document No.EQS8032

1.  $\frac{7}{st} - \frac{8}{t} = -\frac{3}{s}$  for  $t$

6.  $N(-6R + 7) = T(-N + 1)$  for  $T$

2.  $Q = -9R + 2P$  for  $P$

7.  $-2x + 2t = 2v$  for  $t$

3.  $R(-3N - 8) = T(R - 5)$  for  $T$

8.  $-8x - 9y = -3z$  for  $x$

4.  $-3R = 6P + 4Q$  for  $P$

9.  $\frac{7x}{yz} = -4$  for  $y$

5.  $-\frac{9}{u} = \frac{6}{ut} - \frac{3}{t}$  for  $u$

10.  $\frac{1}{2y}(-2x + 9) = z$  for  $y$



Solve for indicated variable.

Document No.EQS8033

1.  $z = \frac{3x+6}{9y}$  for  $y$

6.  $\frac{8}{t} = \frac{7}{tu} + \frac{6}{u}$  for  $t$

2.  $\frac{1}{2R}(-2P + 6) = Q$  for  $P$

7.  $a = \frac{-b+5}{4c}$  for  $b$

3.  $-7p + 8q = 5r$  for  $p$

8.  $4x + 2y = 2z$  for  $x$

4.  $N(9R + 9) = T(N + 2)$  for  $R$

9.  $R(P - 5) = P(5Q - 6)$  for  $R$

5.  $\frac{9u-4}{7t} = s$  for  $u$

10.  $\frac{5}{TR} - \frac{7}{R} = \frac{3}{T}$  for  $R$

Solve for indicated variable.

Document No.EQS8034

1.  $\frac{1}{2P}(-2Q - 6) = R$  for  $P$

6.  $\frac{5x}{yz} = -9$  for  $y$

2.  $5z = x - 4y$  for  $x$

7.  $v = \frac{7x-5}{6t}$  for  $t$

3.  $\frac{8x}{yz} = 3$  for  $x$

8.  $z(-3x + 2) = y(-z - 8)$  for  $x$

4.  $\frac{1}{9c}(-8a + 3) = b$  for  $a$

9.  $4b + 2c = -7a$  for  $c$

5.  $\frac{1}{b}(-8a - 4) = c$  for  $a$

10.  $-u = -5s + 7t$  for  $t$

Solve for indicated variable.

Document No.EQS8035

1.  $\frac{4}{xy} + \frac{5}{y} = \frac{7}{x}$  for  $y$

6.  $-7 = \frac{8x}{yz}$  for  $y$

2.  $\frac{1}{PQ} - \frac{3}{Q} = \frac{1}{P}$  for  $Q$

7.  $5 = \frac{2s}{tu}$  for  $s$

3.  $\frac{5}{tx} - \frac{5}{x} = -\frac{6}{t}$  for  $t$

8.  $-5r = 3p + 3q$  for  $q$

4.  $8P = 2Q - 8R$  for  $R$

9.  $8s = 3t - 9u$  for  $t$

5.  $z(-2x - 4) = y(z - 5)$  for  $x$

10.  $-\frac{8}{q} = \frac{9}{qp} - \frac{2}{p}$  for  $p$

Solve for indicated variable.

Document No.EQS8036

1.  $\frac{2}{xy} + \frac{5}{y} = -\frac{7}{x}$  for  $y$

6.  $b(-c + 5) = c(-9a - 8)$  for  $a$

2.  $4z = -6x + 2y$  for  $y$

7.  $r(-8p - 9) = q(-r - 8)$  for  $q$

3.  $\frac{x-5}{4y} = z$  for  $x$

8.  $\frac{6s}{ut} = 1$  for  $u$

4.  $t(3x + 4) = v(t - 1)$  for  $v$

9.  $\frac{1}{5b}(-9a + 4) = c$  for  $a$

5.  $z = \frac{2x-2}{7y}$  for  $y$

10.  $\frac{9u+3}{4t} = s$  for  $u$

Solve for indicated variable.

Document No.EQS8037

1.  $T(-7N + 2) = R(T + 2)$  for  $N$

6.  $\frac{x}{yz} = 1$  for  $x$

2.  $-\frac{7}{Q} = \frac{7}{QR} + \frac{6}{R}$  for  $Q$

7.  $\frac{x}{yz} = -3$  for  $y$

3.  $\frac{7u}{st} = -1$  for  $u$

8.  $z = \frac{5x+1}{8y}$  for  $y$

4.  $\frac{a}{bc} = 7$  for  $a$

9.  $\frac{7}{P} = \frac{8}{PQ} - \frac{9}{Q}$  for  $P$

5.  $y(z - 8) = z(-3x + 3)$  for  $y$

10.  $c(b - 9) = b(-2a + 9)$  for  $c$

Solve for indicated variable.

Document No.EQS8038

1.  $\frac{1}{NR} - \frac{7}{R} = -\frac{9}{N}$  for  $R$

6.  $P(R - 9) = R(2Q + 3)$  for  $Q$

2.  $v(-t - 8) = t(-5x + 7)$  for  $x$

7.  $q(-r - 1) = r(3p - 8)$  for  $q$

3.  $-9x - 3y = z$  for  $y$

8.  $-1 = \frac{3q}{rp}$  for  $r$

4.  $c = -5a - 2b$  for  $a$

9.  $-5x - 6y = z$  for  $x$

5.  $-z = -6x + 4y$  for  $y$

10.  $v(x - 3) = t(-v + 3)$  for  $x$

Solve for indicated variable.

Document No.EQS8039

1.  $\frac{3P}{QR} = 9$  for  $P$

6.  $\frac{9N}{RT} = 2$  for  $R$

2.  $-\frac{6}{x} = \frac{4}{xy} + \frac{2}{y}$  for  $x$

7.  $z = \frac{x-3}{7y}$  for  $y$

3.  $9 = \frac{8R}{TN}$  for  $R$

8.  $\frac{1}{4y}(-6x + 7) = z$  for  $y$

4.  $8 = \frac{8b}{ca}$  for  $b$

9.  $\frac{8}{ut} - \frac{5}{t} = -\frac{8}{u}$  for  $t$

5.  $-x - 6y = 3z$  for  $y$

10.  $y(z + 9) = z(5x + 3)$  for  $y$

Solve for indicated variable.

Document No.EQS8040

1.  $\frac{c}{ab} = 1$  for  $a$

6.  $-\frac{5}{q} = \frac{8}{qr} - \frac{7}{r}$  for  $r$

2.  $-3 = \frac{8x}{yz}$  for  $x$

7.  $t(8s - 4) = u(-t - 7)$  for  $u$

3.  $r(8p - 7) = q(-r - 2)$  for  $q$

8.  $\frac{5}{RN} - \frac{2}{N} = -\frac{5}{R}$  for  $N$

4.  $\frac{1}{9c}(-5b - 4) = a$  for  $b$

9.  $c = \frac{4a-6}{8b}$  for  $b$

5.  $-\frac{2}{q} = \frac{1}{qr} - \frac{9}{r}$  for  $r$

10.  $-3 = \frac{v}{tx}$  for  $v$



Solve for indicated variable.

Document No.EQS8041

1.  $2Q - 9R = 3P$  for  $R$

6.  $\frac{7r}{pq} = 2$  for  $p$

2.  $\frac{2}{c} = \frac{4}{cb} + \frac{8}{b}$  for  $b$

7.  $-2R = -9T + 4N$  for  $T$

3.  $-3p = -7r + 5q$  for  $r$

8.  $\frac{2T}{NR} = 4$  for  $N$

4.  $-3b = 3c + 2a$  for  $c$

9.  $\frac{2}{bc} - \frac{7}{c} = -\frac{7}{b}$  for  $b$

5.  $z = \frac{1}{5y}(-8x + 1)$  for  $x$

10.  $\frac{2}{Q} = \frac{6}{QR} + \frac{7}{R}$  for  $R$

Solve for indicated variable.

Document No.EQS8042

1.  $\frac{2x}{yz} = -1$  for  $x$

6.  $x = \frac{v-8}{9t}$  for  $t$

2.  $\frac{1}{8y}(-2x - 5) = z$  for  $y$

7.  $\frac{t}{vx} = -1$  for  $t$

3.  $\frac{7N}{RT} = 6$  for  $R$

8.  $-1 = \frac{Q}{PR}$  for  $P$

4.  $r(q + 8) = q(-2p + 8)$  for  $r$

9.  $\frac{1}{xy} - \frac{9}{y} = -\frac{9}{x}$  for  $y$

5.  $x(-t + 2) = t(2v + 9)$  for  $v$

10.  $z(-8x + 6) = y(z - 6)$  for  $y$

Solve for indicated variable.

Document No.EQS8043

1.  $z(-7x - 7) = y(z + 7)$  for  $y$

6.  $\frac{9}{xy} - \frac{5}{y} = -\frac{4}{x}$  for  $y$

2.  $Q = \frac{1}{5R}(-8P + 1)$  for  $R$

7.  $\frac{4x}{yz} = 2$  for  $x$

3.  $2 = \frac{6q}{rp}$  for  $q$

8.  $-9T = -5R - 5N$  for  $R$

4.  $\frac{7}{us} - \frac{8}{s} = -\frac{4}{u}$  for  $s$

9.  $5a + 2c = 6b$  for  $c$

5.  $4z = 4x + 9y$  for  $y$

10.  $\frac{1}{qp} + \frac{8}{p} = \frac{1}{q}$  for  $q$

Solve for indicated variable.

Document No.EQS8044

1.  $3P = -5Q + 9R$  for  $Q$

6.  $\frac{3}{s} = \frac{1}{st} - \frac{5}{t}$  for  $s$

2.  $-\frac{4}{b} = \frac{8}{bc} - \frac{6}{c}$  for  $c$

7.  $\frac{6}{xv} + \frac{3}{v} = \frac{5}{x}$  for  $x$

3.  $\frac{4}{xy} - \frac{7}{y} = -\frac{1}{x}$  for  $y$

8.  $z(-8x + 3) = y(z - 5)$  for  $y$

4.  $Q(-P + 8) = P(4R + 7)$  for  $R$

9.  $-q = -2p - 8r$  for  $p$

5.  $T(-N + 8) = N(4R - 6)$  for  $R$

10.  $y(z - 8) = z(-9x - 3)$  for  $y$

Solve for indicated variable.

Document No.EQS8045

1.  $b = \frac{1}{5a}(-7c + 5)$  for  $a$

6.  $y(-z + 2) = z(-5x + 6)$  for  $x$

2.  $p = \frac{1}{6r}(-9q + 6)$  for  $q$

7.  $\frac{1}{6p}(-6r - 7) = q$  for  $r$

3.  $-\frac{9}{Q} = \frac{5}{QP} + \frac{3}{P}$  for  $Q$

8.  $\frac{9}{xv} - \frac{5}{v} = -\frac{1}{x}$  for  $x$

4.  $\frac{6x}{yz} = -3$  for  $y$

9.  $\frac{9}{P} = \frac{6}{PR} - \frac{4}{R}$  for  $P$

5.  $z(-9x + 9) = y(-z + 5)$  for  $y$

10.  $R(T + 7) = T(-4N + 5)$  for  $N$

Solve for indicated variable.

Document No.EQS8046

1.  $q = \frac{7r+4}{2p}$  for  $r$

6.  $\frac{3r-3}{4q} = p$  for  $q$

2.  $a = \frac{8c-7}{8b}$  for  $b$

7.  $-9 = \frac{7x}{yz}$  for  $x$

3.  $R(-N + 9) = N(-5T - 5)$  for  $T$

8.  $T(-3N + 8) = R(T - 6)$  for  $R$

4.  $\frac{1}{NR} + \frac{3}{R} = \frac{8}{N}$  for  $N$

9.  $-8N - 7T = -8R$  for  $N$

5.  $-\frac{4}{x} = \frac{5}{xy} - \frac{9}{y}$  for  $x$

10.  $5z = 9x + 8y$  for  $x$

Solve for indicated variable.

Document No.EQS8047

1.  $c(b - 6) = a(c + 1)$  for  $b$

6.  $3b = -4c - 5a$  for  $c$

2.  $a(3b + 8) = c(-a + 2)$  for  $b$

7.  $6 = \frac{5a}{bc}$  for  $b$

3.  $5q + 5p = 3r$  for  $p$

8.  $Q(-P + 6) = P(R - 5)$  for  $R$

4.  $5q = 7p + 9r$  for  $p$

9.  $\frac{5}{RT} - \frac{8}{T} = -\frac{7}{R}$  for  $R$

5.  $c = \frac{1}{7b}(-5a + 4)$  for  $b$

10.  $x = \frac{1}{4t}(-4v - 2)$  for  $v$

Solve for indicated variable.

Document No.EQS8048

1.  $\frac{8x}{yz} = -6$  for  $x$

6.  $\frac{1}{6u}(-9t + 5) = s$  for  $t$

2.  $-6R - 2P = 6Q$  for  $P$

7.  $\frac{1}{xy} + \frac{9}{y} = -\frac{3}{x}$  for  $y$

3.  $s = \frac{1}{2u}(-8t - 2)$  for  $t$

8.  $a(b - 8) = b(2c - 8)$  for  $a$

4.  $\frac{5x}{yz} = 9$  for  $x$

9.  $-p + 4q = -3r$  for  $p$

5.  $3c - 2b = -5a$  for  $b$

10.  $z = \frac{5x+2}{6y}$  for  $y$



Solve for indicated variable.

Document No.EQS8049

1.  $6R + 3P = 2Q$  for  $P$

6.  $-6 = \frac{6r}{qp}$  for  $r$

2.  $\frac{9x-1}{7y} = z$  for  $x$

7.  $\frac{9R}{QP} = -8$  for  $R$

3.  $t = \frac{6v-1}{3x}$  for  $v$

8.  $P(R - 4) = R(-3Q - 5)$  for  $Q$

4.  $-x + 5y = 5z$  for  $y$

9.  $z(7x - 6) = y(-z + 2)$  for  $x$

5.  $\frac{4c}{ba} = 9$  for  $b$

10.  $R(P - 1) = P(-4Q - 3)$  for  $Q$

Solve for indicated variable.

Document No.EQS8050

1.  $\frac{a}{bc} = 6$  for  $b$

6.  $-2 = \frac{8N}{RT}$  for  $R$

2.  $-2z = -7x + 5y$  for  $x$

7.  $R(Q - 7) = Q(2P + 3)$  for  $R$

3.  $4 = \frac{8x}{yz}$  for  $x$

8.  $q(p + 3) = p(6r - 8)$  for  $q$

4.  $-\frac{7}{t} = \frac{2}{tx} - \frac{8}{x}$  for  $x$

9.  $\frac{8a}{cb} = -8$  for  $a$

5.  $\frac{2}{xy} + \frac{2}{y} = -\frac{8}{x}$  for  $x$

10.  $\frac{8x}{yz} = 9$  for  $x$

Solve for indicated variable.

Document No.EQS8051

1.  $N = \frac{1}{2T}(-9R - 3)$  for  $T$

6.  $9x + 2y = 2z$  for  $x$

2.  $\frac{b-1}{4c} = a$  for  $c$

7.  $\frac{2}{rq} - \frac{7}{q} = \frac{2}{r}$  for  $r$

3.  $\frac{x}{yz} = 8$  for  $y$

8.  $-4x - 4y = -5z$  for  $x$

4.  $-9q = -p + 9r$  for  $p$

9.  $\frac{2}{NR} - \frac{6}{R} = -\frac{4}{N}$  for  $R$

5.  $\frac{6p}{rq} = -7$  for  $p$

10.  $x(t - 2) = t(-v + 4)$  for  $x$

Solve for indicated variable.

Document No.EQS8052

1.  $\frac{2t}{vx} = -5$  for  $v$

6.  $T(R + 8) = R(5N + 5)$  for  $T$

2.  $z(-6x + 4) = y(z - 6)$  for  $x$

7.  $-2 = \frac{3Q}{PR}$  for  $P$

3.  $-\frac{8}{c} = \frac{8}{cb} - \frac{9}{b}$  for  $c$

8.  $s = \frac{1}{2t}(-2u - 8)$  for  $u$

4.  $-\frac{5}{N} = \frac{2}{NR} + \frac{8}{R}$  for  $N$

9.  $8x + 9y = 2z$  for  $y$

5.  $3c = -7b - 7a$  for  $a$

10.  $\frac{5x}{yz} = 1$  for  $x$

Solve for indicated variable.

Document No.EQS8053

1.  $4q + 9r = -8p$  for  $q$

6.  $\frac{8R}{TN} = 4$  for  $R$

2.  $\frac{1}{5x}(-7t + 9) = v$  for  $t$

7.  $\frac{7u-1}{2s} = t$  for  $u$

3.  $\frac{a}{bc} = 3$  for  $b$

8.  $\frac{1}{8b}(-8c - 5) = a$  for  $c$

4.  $-7 = \frac{8u}{st}$  for  $s$

9.  $-7 = \frac{8N}{RT}$  for  $N$

5.  $T(R + 1) = R(-9N + 2)$  for  $N$

10.  $4 = \frac{3a}{bc}$  for  $b$

Solve for indicated variable.

Document No.EQS8054

1.  $\frac{4R}{TN} = -2$  for  $T$

6.  $6t = s - 3u$  for  $u$

2.  $2R + 6P = -8Q$  for  $R$

7.  $\frac{1}{4N}(-5T + 5) = R$  for  $T$

3.  $\frac{1}{xy} + \frac{2}{y} = -\frac{7}{x}$  for  $y$

8.  $-9a = 7c + 7b$  for  $c$

4.  $z(8x - 5) = y(-z + 9)$  for  $y$

9.  $-\frac{2}{R} = \frac{7}{RQ} + \frac{4}{Q}$  for  $Q$

5.  $-\frac{1}{x} = \frac{9}{xy} - \frac{9}{y}$  for  $y$

10.  $y(-z - 1) = z(7x + 3)$  for  $x$

Solve for indicated variable.

Document No.EQS8055

1.  $\frac{N-3}{8T} = R$  for  $T$

6.  $s(4u - 2) = t(s - 4)$  for  $u$

2.  $t(6s + 3) = u(-t - 8)$  for  $s$

7.  $\frac{7}{x} = \frac{5}{xy} - \frac{4}{y}$  for  $y$

3.  $-\frac{2}{v} = \frac{3}{vt} + \frac{8}{t}$  for  $v$

8.  $8Q - 3R = 7P$  for  $Q$

4.  $\frac{9Q}{PR} = -5$  for  $P$

9.  $p(-9r - 9) = q(-p + 5)$  for  $r$

5.  $u = \frac{s+9}{6t}$  for  $t$

10.  $-9x - 5y = -9z$  for  $x$

Solve for indicated variable.

Document No.EQS8056

1.  $\frac{2q}{pr} = -3$  for  $p$

6.  $3 = \frac{8a}{bc}$  for  $a$

2.  $\frac{6x}{yz} = 1$  for  $x$

7.  $\frac{1}{3y}(-9x - 8) = z$  for  $x$

3.  $-9 = \frac{5p}{rq}$  for  $r$

8.  $\frac{5}{r} = \frac{3}{rq} + \frac{5}{q}$  for  $q$

4.  $\frac{Q-6}{3P} = R$  for  $P$

9.  $-4 = \frac{3v}{xt}$  for  $x$

5.  $z(5x + 2) = y(z + 2)$  for  $x$

10.  $6u = -5t + 2s$  for  $s$



Solve for indicated variable.

Document No.EQS8057

1.  $\frac{3}{xv} + \frac{8}{v} = -\frac{6}{x}$  for  $x$

6.  $z = \frac{1}{4y}(-5x - 2)$  for  $y$

2.  $-7v = 7t + 7x$  for  $t$

7.  $9 = \frac{8t}{xv}$  for  $t$

3.  $y(z + 8) = z(-7x - 9)$  for  $y$

8.  $-4 = \frac{8s}{ut}$  for  $u$

4.  $\frac{6a}{bc} = 9$  for  $a$

9.  $u(-8s - 4) = t(-u - 5)$  for  $t$

5.  $6R - 6Q = -4P$  for  $Q$

10.  $\frac{4b+7}{7a} = c$  for  $b$

Solve for indicated variable.

Document No.EQS8058

1.  $\frac{5x}{yz} = -9$  for  $y$

6.  $t + 8x = -v$  for  $t$

2.  $-9R + 8Q = 3P$  for  $R$

7.  $N(T - 4) = T(-R - 6)$  for  $R$

3.  $u = \frac{4s+4}{6t}$  for  $s$

8.  $z = \frac{1}{7y}(-9x - 3)$  for  $x$

4.  $\frac{-t-5}{8s} = u$  for  $s$

9.  $\frac{2}{qp} - \frac{6}{p} = \frac{5}{q}$  for  $q$

5.  $-\frac{4}{t} = \frac{4}{tv} - \frac{7}{v}$  for  $t$

10.  $-R - 2N = 5T$  for  $R$

Solve for indicated variable.

Document No.EQS8059

1.  $\frac{2}{p} = \frac{8}{pq} - \frac{6}{q}$  for  $q$

6.  $\frac{5x}{yz} = 8$  for  $y$

2.  $9z = 5x - 6y$  for  $y$

7.  $\frac{4a}{bc} = -2$  for  $b$

3.  $R(-6P - 9) = Q(R - 1)$  for  $Q$

8.  $-\frac{8}{x} = \frac{2}{xy} - \frac{9}{y}$  for  $y$

4.  $s = \frac{1}{9t}(-8u + 1)$  for  $u$

9.  $-8 = \frac{5x}{yz}$  for  $y$

5.  $\frac{q}{pr} = 8$  for  $p$

10.  $\frac{4N}{RT} = 7$  for  $R$

Solve for indicated variable.

Document No.EQS8060

1.  $\frac{1}{T}(6R - 6) = N$  for  $R$

6.  $q(-3p - 8) = r(q - 9)$  for  $r$

2.  $P(R - 1) = R(-5Q + 4)$  for  $Q$

7.  $-5x + 2y = 9z$  for  $x$

3.  $8 = \frac{2x}{yz}$  for  $x$

8.  $r(-p + 5) = p(5q - 4)$  for  $r$

4.  $\frac{2}{x} = \frac{3}{xy} + \frac{6}{y}$  for  $x$

9.  $8q = 2r + 3p$  for  $p$

5.  $b(-a + 1) = a(-5c - 8)$  for  $b$

10.  $\frac{6p+2}{7q} = r$  for  $q$

Solve for indicated variable.

Document No.EQS8061

1.  $z = \frac{1}{9y}(-2x + 5)$  for  $y$

6.  $\frac{5R}{NT} = -9$  for  $N$

2.  $\frac{9}{tv} - \frac{5}{v} = -\frac{3}{t}$  for  $t$

7.  $6s = -9t + 7u$  for  $t$

3.  $-6t = 4u + 8s$  for  $s$

8.  $5 = \frac{p}{rq}$  for  $p$

4.  $\frac{6x+4}{3y} = z$  for  $y$

9.  $\frac{3N}{TR} = -9$  for  $N$

5.  $\frac{x}{yz} = -7$  for  $x$

10.  $x + 5y = 4z$  for  $x$

Solve for indicated variable.

Document No.EQS8062

1.  $\frac{4}{s} = \frac{8}{su} + \frac{6}{u}$  for  $s$

6.  $v = \frac{-t-8}{2x}$  for  $t$

2.  $R = \frac{1}{6Q}(-9P + 6)$  for  $P$

7.  $b(-a + 9) = a(-c - 9)$  for  $b$

3.  $\frac{6}{xy} + \frac{9}{y} = \frac{1}{x}$  for  $y$

8.  $b = \frac{1}{6a}(-2c + 4)$  for  $a$

4.  $\frac{1}{6x}(-2v + 9) = t$  for  $v$

9.  $\frac{4}{c} = \frac{8}{ca} - \frac{4}{a}$  for  $a$

5.  $9 = \frac{8R}{TN}$  for  $R$

10.  $-3 = \frac{x}{yz}$  for  $y$

Solve for indicated variable.

Document No.EQS8063

1.  $c = \frac{1}{6b}(-4a + 5)$  for  $b$

6.  $\frac{8x-4}{7y} = z$  for  $x$

2.  $-3N = -4T + 7R$  for  $T$

7.  $\frac{2x-8}{6t} = v$  for  $x$

3.  $-2P = 4Q + 5R$  for  $Q$

8.  $7t - 4v = 9x$  for  $t$

4.  $z = \frac{4x-3}{9y}$  for  $y$

9.  $s(-5t - 4) = u(s - 2)$  for  $u$

5.  $\frac{1}{y}(5x + 7) = z$  for  $y$

10.  $7R + 4P = 7Q$  for  $R$

Solve for indicated variable.

Document No.EQS8064

1.  $-5v + 8t = -4x$  for  $t$

6.  $\frac{1}{R}(-P - 9) = Q$  for  $P$

2.  $\frac{8x}{yz} = 3$  for  $x$

7.  $\frac{9a+9}{8b} = c$  for  $b$

3.  $N = \frac{4T-1}{9R}$  for  $T$

8.  $9 = \frac{3x}{yz}$  for  $x$

4.  $-2a = 7c - 6b$  for  $b$

9.  $z(5x - 3) = y(z - 8)$  for  $x$

5.  $2 = \frac{6q}{rp}$  for  $q$

10.  $\frac{7a-9}{2c} = b$  for  $c$



Solve for indicated variable.

Document No.EQS8065

1.  $y(z + 2) = z(-3x + 3)$  for  $y$

6.  $Q(R - 6) = P(-Q - 8)$  for  $R$

2.  $9R = 9N - 3T$  for  $T$

7.  $z(-2x - 6) = y(z - 9)$  for  $x$

3.  $\frac{3}{ca} - \frac{5}{a} = \frac{4}{c}$  for  $a$

8.  $-8T = -N + 5R$  for  $N$

4.  $-8 = \frac{7t}{vx}$  for  $v$

9.  $-\frac{3}{x} = \frac{9}{xy} - \frac{2}{y}$  for  $x$

5.  $R(3P + 7) = Q(-R + 6)$  for  $Q$

10.  $z = \frac{9x-6}{5y}$  for  $y$

Solve for indicated variable.

Document No.EQS8066

1.  $-7 = \frac{2s}{ut}$  for  $u$

6.  $a = \frac{c-3}{6b}$  for  $b$

2.  $\frac{4v-8}{8x} = t$  for  $x$

7.  $-\frac{7}{t} = \frac{7}{tu} + \frac{4}{u}$  for  $u$

3.  $z = \frac{1}{6y}(-3x - 5)$  for  $y$

8.  $7z = -9x + 4y$  for  $x$

4.  $\frac{3R+6}{3N} = T$  for  $R$

9.  $\frac{b-3}{7a} = c$  for  $b$

5.  $9N = -4R + 7T$  for  $R$

10.  $8 = \frac{v}{tx}$  for  $v$

Solve for indicated variable.

Document No.EQS8067

1.  $8t - 8u = 4s$  for  $u$

6.  $a(c + 7) = c(7b - 4)$  for  $a$

2.  $t(-x + 9) = v(-t - 8)$  for  $x$

7.  $-\frac{6}{a} = \frac{6}{ac} + \frac{9}{c}$  for  $a$

3.  $y(z - 5) = z(9x + 3)$  for  $y$

8.  $y(z - 5) = z(2x + 4)$  for  $y$

4.  $5 = \frac{8u}{ts}$  for  $u$

9.  $\frac{4}{s} = \frac{3}{su} + \frac{5}{u}$  for  $s$

5.  $-P = 4R - 4Q$  for  $R$

10.  $-\frac{4}{R} = \frac{1}{RQ} + \frac{2}{Q}$  for  $R$

Solve for indicated variable.

Document No.EQS8068

1.  $\frac{1}{6y}(-4x + 5) = z$  for  $x$

6.  $-P = -8Q - 6R$  for  $R$

2.  $5b - 6a = -8c$  for  $b$

7.  $x(4v - 4) = t(x + 8)$  for  $v$

3.  $u(-t - 5) = t(7s - 9)$  for  $u$

8.  $-9 = \frac{b}{ca}$  for  $c$

4.  $p(-q - 8) = q(6r + 5)$  for  $r$

9.  $-6 = \frac{8q}{rp}$  for  $q$

5.  $-1 = \frac{6P}{RQ}$  for  $R$

10.  $\frac{8}{t} = \frac{1}{tx} + \frac{4}{x}$  for  $x$

Solve for indicated variable.

Document No.EQS8069

1.  $\frac{5}{b} = \frac{6}{bc} + \frac{4}{c}$  for  $b$

6.  $r(-8p - 6) = q(r + 2)$  for  $q$

2.  $-2z = -8x + 3y$  for  $x$

7.  $\frac{3}{su} - \frac{8}{u} = -\frac{8}{s}$  for  $u$

3.  $\frac{s}{ut} = -5$  for  $u$

8.  $N = \frac{1}{9T}(-6R - 8)$  for  $T$

4.  $z = \frac{4x-6}{6y}$  for  $x$

9.  $5r - 8p = -4q$  for  $p$

5.  $r(q + 9) = q(7p - 3)$  for  $p$

10.  $y(-z + 4) = z(4x + 5)$  for  $x$

Solve for indicated variable.

Document No.EQS8070

1.  $N(-9R + 4) = T(-N + 4)$  for  $R$

6.  $z = \frac{6x+4}{3y}$  for  $x$

2.  $\frac{3R}{TN} = -3$  for  $R$

7.  $-6x + 7y = z$  for  $y$

3.  $\frac{4}{vx} - \frac{7}{x} = \frac{4}{v}$  for  $x$

8.  $\frac{1}{3t}(-6v + 1) = x$  for  $t$

4.  $-6 = \frac{N}{RT}$  for  $R$

9.  $-\frac{5}{s} = \frac{9}{st} - \frac{2}{t}$  for  $t$

5.  $\frac{8}{x} = \frac{5}{xy} + \frac{5}{y}$  for  $y$

10.  $\frac{3x}{yz} = -4$  for  $x$

Solve for indicated variable.

Document No.EQS8071

1.  $\frac{1}{2s}(-8t + 4) = u$  for  $t$

6.  $P(Q - 5) = Q(-R + 2)$  for  $R$

2.  $\frac{x}{yz} = -9$  for  $x$

7.  $\frac{5}{xy} - \frac{6}{y} = \frac{3}{x}$  for  $x$

3.  $\frac{7q}{pr} = -4$  for  $p$

8.  $\frac{P}{QR} = -1$  for  $P$

4.  $R(N - 1) = N(-6T + 5)$  for  $T$

9.  $\frac{5}{u} = \frac{6}{us} - \frac{7}{s}$  for  $u$

5.  $p(q - 9) = q(-6r - 6)$  for  $p$

10.  $9 = \frac{9N}{TR}$  for  $N$

Solve for indicated variable.

Document No.EQS8072

1.  $-\frac{6}{r} = \frac{2}{rq} - \frac{6}{q}$  for  $q$

6.  $P = -5R + 6Q$  for  $R$

2.  $2 = \frac{2c}{ab}$  for  $c$

7.  $-\frac{3}{t} = \frac{9}{tx} - \frac{5}{x}$  for  $x$

3.  $\frac{1}{t} = \frac{2}{ts} + \frac{6}{s}$  for  $s$

8.  $\frac{6}{RT} + \frac{4}{T} = \frac{3}{R}$  for  $R$

4.  $\frac{9q+9}{2r} = p$  for  $r$

9.  $b = \frac{3c+6}{5a}$  for  $a$

5.  $\frac{4}{Q} = \frac{2}{QP} + \frac{5}{P}$  for  $P$

10.  $R = \frac{1}{T}(-4N - 7)$  for  $N$



Solve for indicated variable.

Document No.EQS8073

1.  $2t + 6v = 2x$  for  $t$

6.  $a(b + 9) = b(-9c - 2)$  for  $a$

2.  $-7T - 3N = 8R$  for  $N$

7.  $z = \frac{6x+6}{2y}$  for  $x$

3.  $3 = \frac{4x}{vt}$  for  $x$

8.  $\frac{-b+7}{4c} = a$  for  $c$

4.  $R = \frac{3P+9}{8Q}$  for  $P$

9.  $\frac{9}{u} = \frac{1}{ut} - \frac{5}{t}$  for  $u$

5.  $\frac{8v-3}{4x} = t$  for  $v$

10.  $z = \frac{5x+3}{7y}$  for  $x$

Solve for indicated variable.

Document No.EQS8074

1.  $8R - 6T = -4N$  for  $T$

6.  $-9x = -5t + 3v$  for  $v$

2.  $x(-8t - 6) = v(x + 6)$  for  $v$

7.  $\frac{1}{7y}(-3x - 5) = z$  for  $x$

3.  $\frac{6x}{yz} = 9$  for  $x$

8.  $3z = x - 2y$  for  $y$

4.  $\frac{9}{ca} + \frac{7}{a} = -\frac{7}{c}$  for  $a$

9.  $-5z = -3x - 7y$  for  $x$

5.  $-4Q + 4R = -2P$  for  $Q$

10.  $\frac{1}{2x}(-2v - 7) = t$  for  $v$

Solve for indicated variable.

Document No.EQS8075

1.  $9 = \frac{6a}{cb}$  for  $a$

6.  $\frac{6}{x} = \frac{4}{xy} + \frac{7}{y}$  for  $x$

2.  $-9 = \frac{9t}{su}$  for  $t$

7.  $-3 = \frac{4t}{xv}$  for  $t$

3.  $-6x - 4y = 3z$  for  $x$

8.  $5 = \frac{3u}{st}$  for  $u$

4.  $7t = -4s - 5u$  for  $u$

9.  $3 = \frac{x}{yz}$  for  $x$

5.  $P(Q + 3) = Q(3R - 5)$  for  $P$

10.  $-6 = \frac{6N}{TR}$  for  $N$

Solve for indicated variable.

Document No.EQS8076

1.  $4 = \frac{Q}{PR}$  for  $P$

6.  $y(-z + 8) = z(-5x - 8)$  for  $x$

2.  $-\frac{5}{u} = \frac{7}{us} + \frac{8}{s}$  for  $u$

7.  $3T + 6N = -2R$  for  $N$

3.  $\frac{5}{ca} - \frac{6}{a} = -\frac{6}{c}$  for  $a$

8.  $\frac{4T-5}{8N} = R$  for  $T$

4.  $\frac{7}{x} = \frac{9}{xy} + \frac{3}{y}$  for  $y$

9.  $-t = -v - 2x$  for  $v$

5.  $q = \frac{6r+6}{4p}$  for  $p$

10.  $-\frac{3}{N} = \frac{8}{NR} - \frac{7}{R}$  for  $N$

Solve for indicated variable.

Document No.EQS8077

1.  $\frac{8}{x} = \frac{4}{xy} + \frac{4}{y}$  for  $x$

6.  $\frac{5}{xy} - \frac{7}{y} = \frac{9}{x}$  for  $x$

2.  $N = \frac{1}{8T}(-7R + 3)$  for  $R$

7.  $\frac{6c}{ab} = -9$  for  $c$

3.  $\frac{6}{N} = \frac{9}{NR} - \frac{7}{R}$  for  $N$

8.  $a(b + 6) = b(2c + 3)$  for  $c$

4.  $p(-3r - 8) = q(p + 9)$  for  $r$

9.  $\frac{1}{3y}(-6x + 2) = z$  for  $x$

5.  $-5R + 7P = -Q$  for  $R$

10.  $9 = \frac{9x}{yz}$  for  $x$

Solve for indicated variable.

Document No.EQS8078

1.  $Q(-P - 6) = R(Q - 9)$  for  $P$

6.  $-2 = \frac{9x}{yz}$  for  $y$

2.  $\frac{6R-8}{3N} = T$  for  $R$

7.  $-\frac{7}{v} = \frac{8}{vx} + \frac{9}{x}$  for  $x$

3.  $s(t - 2) = u(s + 6)$  for  $u$

8.  $\frac{1}{2q}(-9p - 6) = r$  for  $p$

4.  $\frac{9}{bc} - \frac{6}{c} = -\frac{2}{b}$  for  $c$

9.  $\frac{2}{tx} + \frac{7}{x} = -\frac{2}{t}$  for  $x$

5.  $2q = -3p + 4r$  for  $p$

10.  $\frac{8}{xy} + \frac{7}{y} = \frac{1}{x}$  for  $x$

Solve for indicated variable.

Document No.EQS8079

1.  $\frac{8}{pr} - \frac{4}{r} = -\frac{2}{p}$  for  $p$

6.  $\frac{3}{st} + \frac{2}{t} = \frac{9}{s}$  for  $s$

2.  $-x + 9y = 2z$  for  $x$

7.  $T(-9R + 6) = N(T - 3)$  for  $N$

3.  $-8 = \frac{2x}{yz}$  for  $y$

8.  $\frac{8}{a} = \frac{5}{ab} - \frac{9}{b}$  for  $b$

4.  $P = \frac{1}{4R}(-8Q + 9)$  for  $R$

9.  $t = \frac{-u-2}{8s}$  for  $s$

5.  $-4q + 2p = 9r$  for  $p$

10.  $-9 = \frac{4x}{yz}$  for  $y$

Solve for indicated variable.

Document No.EQS8080

1.  $-8R = -6P - 5Q$  for  $P$

6.  $5x + 2t = -4v$  for  $x$

2.  $-9u = -7t - 6s$  for  $s$

7.  $5x + 8y = 5z$  for  $y$

3.  $\frac{3}{qr} - \frac{5}{r} = \frac{9}{q}$  for  $r$

8.  $3q - 5r = 6p$  for  $q$

4.  $\frac{5}{PR} - \frac{9}{R} = -\frac{9}{P}$  for  $R$

9.  $\frac{9}{xy} - \frac{4}{y} = -\frac{7}{x}$  for  $x$

5.  $-5x - 6y = 5z$  for  $y$

10.  $\frac{1}{xy} + \frac{2}{y} = -\frac{4}{x}$  for  $x$



Solve for indicated variable.

Document No.EQS8081

1.  $\frac{1}{9P}(-5R + 3) = Q$  for  $P$

6.  $z = \frac{3x-5}{6y}$  for  $y$

2.  $2 = \frac{3r}{pq}$  for  $r$

7.  $u(-s - 8) = s(9t + 8)$  for  $u$

3.  $3x + 5y = -5z$  for  $x$

8.  $\frac{6R-7}{3P} = Q$  for  $R$

4.  $-7t + 5x = -4v$  for  $t$

9.  $-7x - 8y = -8z$  for  $x$

5.  $x(4v - 3) = t(x + 5)$  for  $t$

10.  $7r = 7p + 7q$  for  $p$

Solve for indicated variable.

Document No.EQS8082

1.  $-8R = 6T - 4N$  for  $T$

6.  $\frac{2c-7}{4a} = b$  for  $c$

2.  $\frac{8c-8}{7b} = a$  for  $b$

7.  $\frac{2}{p} = \frac{3}{pq} - \frac{9}{q}$  for  $p$

3.  $\frac{7}{bc} - \frac{7}{c} = \frac{6}{b}$  for  $c$

8.  $-\frac{7}{x} = \frac{3}{xy} + \frac{8}{y}$  for  $y$

4.  $r = \frac{5q-6}{5p}$  for  $p$

9.  $\frac{3x}{yz} = -6$  for  $y$

5.  $8 = \frac{2R}{QP}$  for  $Q$

10.  $\frac{9}{b} = \frac{6}{ba} + \frac{8}{a}$  for  $a$

Solve for indicated variable.

Document No.EQS8083

1.  $-3z = 8x + 5y$  for  $x$

6.  $9t = 8v + 7x$  for  $x$

2.  $-c = -3a - 8b$  for  $b$

7.  $p(-6q + 6) = r(-p - 9)$  for  $r$

3.  $-2P = -4Q + 6R$  for  $R$

8.  $\frac{7}{NT} - \frac{6}{T} = \frac{1}{N}$  for  $N$

4.  $Q = \frac{P+7}{8R}$  for  $R$

9.  $R(6N - 4) = T(R - 1)$  for  $T$

5.  $\frac{6u}{st} = -3$  for  $u$

10.  $\frac{2b}{ac} = 5$  for  $b$

Solve for indicated variable.

Document No.EQS8084

1.  $\frac{5}{qp} - \frac{7}{p} = \frac{6}{q}$  for  $p$

6.  $9v = 9x - 2t$  for  $t$

2.  $-3q = -4r - 4p$  for  $p$

7.  $\frac{b+9}{2c} = a$  for  $b$

3.  $N(-4R - 5) = T(N - 3)$  for  $T$

8.  $-8 = \frac{6R}{TN}$  for  $R$

4.  $\frac{6x+8}{4v} = t$  for  $v$

9.  $\frac{-v+3}{5x} = t$  for  $x$

5.  $\frac{6s}{ut} = 8$  for  $s$

10.  $\frac{5}{TR} - \frac{4}{R} = -\frac{2}{T}$  for  $T$

Solve for indicated variable.

Document No.EQS8085

1.  $T(R + 4) = R(-9N + 3)$  for  $T$

6.  $-2P - 6Q = 4R$  for  $P$

2.  $\frac{6}{xy} - \frac{2}{y} = -\frac{2}{x}$  for  $y$

7.  $R = \frac{2N+6}{8T}$  for  $T$

3.  $\frac{1}{P}(8R + 2) = Q$  for  $R$

8.  $\frac{9}{x} = \frac{5}{xy} + \frac{3}{y}$  for  $y$

4.  $R(3N + 5) = T(-R - 1)$  for  $N$

9.  $\frac{2x+5}{7y} = z$  for  $y$

5.  $2P - 4Q = 8R$  for  $Q$

10.  $\frac{6}{xy} + \frac{4}{y} = -\frac{6}{x}$  for  $x$

Solve for indicated variable.

Document No.EQS8086

1.  $u(2s - 2) = t(u + 6)$  for  $t$

6.  $-\frac{6}{x} = \frac{9}{xy} + \frac{6}{y}$  for  $x$

2.  $-5 = \frac{R}{NT}$  for  $N$

7.  $-8a + 9b = -2c$  for  $b$

3.  $t(-6u - 2) = s(t + 1)$  for  $u$

8.  $\frac{4c}{ba} = -3$  for  $b$

4.  $\frac{-b+4}{6c} = a$  for  $c$

9.  $a(3c - 5) = b(-a - 1)$  for  $b$

5.  $\frac{1}{9y}(-4x - 1) = z$  for  $y$

10.  $z = \frac{9x-7}{9y}$  for  $y$

Solve for indicated variable.

Document No.EQS8087

1.  $t(s - 6) = s(3u - 8)$  for  $t$

6.  $\frac{7c}{ba} = -2$  for  $c$

2.  $-\frac{5}{t} = \frac{4}{tu} + \frac{2}{u}$  for  $u$

7.  $6 = \frac{8x}{yz}$  for  $y$

3.  $z(-6x - 3) = y(-z + 7)$  for  $x$

8.  $-2 = \frac{3x}{yz}$  for  $y$

4.  $\frac{-p+3}{9r} = q$  for  $p$

9.  $v = \frac{1}{t}(4x - 9)$  for  $x$

5.  $y(-z + 4) = z(4x + 3)$  for  $x$

10.  $r(-p + 4) = p(5q - 4)$  for  $r$

Solve for indicated variable.

Document No.EQS8088

1.  $t(u + 4) = s(-t + 9)$  for  $s$

6.  $\frac{5r}{qp} = 3$  for  $q$

2.  $R(-Q + 7) = Q(-3P + 7)$  for  $P$

7.  $-\frac{1}{x} = \frac{6}{xy} + \frac{6}{y}$  for  $y$

3.  $-\frac{1}{x} = \frac{2}{xy} - \frac{6}{y}$  for  $x$

8.  $\frac{4}{QR} - \frac{4}{R} = -\frac{4}{Q}$  for  $Q$

4.  $5x - 8y = 3z$  for  $y$

9.  $-8c - 6b = 4a$  for  $c$

5.  $z = \frac{8x+4}{9y}$  for  $y$

10.  $\frac{5}{x} = \frac{4}{xy} - \frac{3}{y}$  for  $x$



Solve for indicated variable.

Document No.EQS8089

1.  $Q(4R + 7) = P(Q + 6)$  for  $R$

6.  $2r - 4q = 6p$  for  $r$

2.  $1 = \frac{u}{st}$  for  $u$

7.  $8u = 2t + 3s$  for  $t$

3.  $P(Q - 9) = Q(4R + 9)$  for  $P$

8.  $-\frac{7}{x} = \frac{5}{xv} + \frac{8}{v}$  for  $v$

4.  $-4r + 2q = 6p$  for  $r$

9.  $\frac{6}{tx} + \frac{8}{x} = \frac{1}{t}$  for  $x$

5.  $-4T + 4N = 9R$  for  $N$

10.  $r = \frac{7q+3}{6p}$  for  $q$

Solve for indicated variable.

Document No.EQS8090

1.  $t(-6s + 5) = u(t + 5)$  for  $s$

6.  $\frac{1}{3q}(-2p - 4) = r$  for  $q$

2.  $\frac{9T}{RN} = -8$  for  $T$

7.  $\frac{1}{2c}(-2b - 6) = a$  for  $b$

3.  $T(R + 3) = R(-N + 6)$  for  $T$

8.  $6 = \frac{8R}{PQ}$  for  $P$

4.  $\frac{4p}{qr} = 2$  for  $p$

9.  $7z = -9x - 6y$  for  $x$

5.  $-\frac{3}{t} = \frac{2}{tx} - \frac{8}{x}$  for  $t$

10.  $-3 = \frac{2x}{vt}$  for  $x$

Solve for indicated variable.

Document No.EQS8091

1.  $T(3R + 7) = N(T - 3)$  for  $R$

6.  $\frac{1}{7r}(-3q + 3) = p$  for  $q$

2.  $R(-N + 3) = N(8T - 9)$  for  $T$

7.  $\frac{8}{t} = \frac{1}{ts} - \frac{6}{s}$  for  $s$

3.  $-\frac{6}{x} = \frac{6}{xy} + \frac{8}{y}$  for  $y$

8.  $1 = \frac{2x}{vt}$  for  $v$

4.  $\frac{7}{vx} - \frac{5}{x} = -\frac{7}{v}$  for  $v$

9.  $q(-r - 3) = r(8p - 9)$  for  $q$

5.  $\frac{6}{QP} + \frac{3}{P} = \frac{7}{Q}$  for  $Q$

10.  $\frac{3}{a} = \frac{6}{ab} + \frac{9}{b}$  for  $b$

Solve for indicated variable.

Document No.EQS8092

1.  $t(-u + 1) = u(-8s + 8)$  for  $s$

6.  $-2s = 7t - 4u$  for  $t$

2.  $T = \frac{1}{5N}(-9R + 8)$  for  $R$

7.  $-7z = -6x + 9y$  for  $x$

3.  $\frac{3N}{RT} = -2$  for  $N$

8.  $-9s = 3t + 8u$  for  $t$

4.  $\frac{9}{TR} + \frac{4}{R} = -\frac{6}{T}$  for  $R$

9.  $\frac{4b}{ac} = 9$  for  $b$

5.  $R(T + 6) = T(-9N - 7)$  for  $R$

10.  $3 = \frac{4r}{pq}$  for  $r$

Solve for indicated variable.

Document No.EQS8093

1.  $-3r + 5p = -4q$  for  $p$

6.  $t = \frac{6u-2}{3s}$  for  $s$

2.  $\frac{1}{3R}(-7N + 6) = T$  for  $N$

7.  $3 = \frac{R}{TN}$  for  $T$

3.  $\frac{3b}{ac} = -1$  for  $a$

8.  $p(-r - 9) = r(4q + 6)$  for  $p$

4.  $\frac{6t}{vx} = -5$  for  $v$

9.  $-9z = 4x - 5y$  for  $x$

5.  $5 = \frac{5Q}{PR}$  for  $P$

10.  $y(z - 8) = z(9x - 3)$  for  $y$

Solve for indicated variable.

Document No.EQS8094

1.  $\frac{3}{xy} + \frac{9}{y} = -\frac{7}{x}$  for  $y$

6.  $b(-a - 9) = a(4c + 5)$  for  $b$

2.  $\frac{8P}{RQ} = 1$  for  $P$

7.  $\frac{9}{xy} + \frac{2}{y} = -\frac{9}{x}$  for  $y$

3.  $\frac{1}{7a}(-2b + 1) = c$  for  $b$

8.  $\frac{9p}{qr} = 6$  for  $p$

4.  $s(u + 5) = u(6t + 8)$  for  $t$

9.  $p = \frac{1}{2q}(-5r - 6)$  for  $q$

5.  $v(t + 1) = t(-x + 5)$  for  $v$

10.  $-x + 2y = 6z$  for  $x$

Solve for indicated variable.

Document No.EQS8095

1.  $8 = \frac{9x}{yz}$  for  $x$

6.  $\frac{1}{v} = \frac{5}{vx} - \frac{7}{x}$  for  $x$

2.  $-4c + 2a = 6b$  for  $c$

7.  $\frac{2}{tu} + \frac{3}{u} = -\frac{6}{t}$  for  $u$

3.  $\frac{3}{ut} + \frac{5}{t} = \frac{8}{u}$  for  $t$

8.  $9p + 8r = -9q$  for  $p$

4.  $R(P + 9) = P(-6Q + 5)$  for  $R$

9.  $y(z - 3) = z(-x + 9)$  for  $x$

5.  $\frac{6}{xy} - \frac{9}{y} = -\frac{1}{x}$  for  $x$

10.  $z = 5x + 2y$  for  $y$

Solve for indicated variable.

Document No.EQS8096

1.  $p = \frac{1}{7r}(-8q + 3)$  for  $r$

6.  $4 = \frac{9N}{RT}$  for  $R$

2.  $-3 = \frac{6x}{yz}$  for  $x$

7.  $t = \frac{1}{3v}(-9x + 2)$  for  $v$

3.  $5t - 8x = 2v$  for  $x$

8.  $-2q = -5r - 6p$  for  $p$

4.  $-3x - 9y = 4z$  for  $x$

9.  $\frac{1}{7v}(-6x - 8) = t$  for  $x$

5.  $-\frac{4}{s} = \frac{8}{su} + \frac{4}{u}$  for  $s$

10.  $v = \frac{7x-1}{7t}$  for  $x$



Solve for indicated variable.

Document No.EQS8097

1.  $\frac{3}{u} = \frac{9}{ut} + \frac{5}{t}$  for  $u$

6.  $-7 = \frac{T}{RN}$  for  $R$

2.  $s(u + 5) = u(3t + 9)$  for  $t$

7.  $\frac{4R+1}{2P} = Q$  for  $P$

3.  $\frac{1}{6y}(-3x - 7) = z$  for  $y$

8.  $-2x + 7y = -z$  for  $y$

4.  $y(z - 9) = z(-2x - 4)$  for  $x$

9.  $3z = 2x - 8y$  for  $x$

5.  $\frac{6}{xt} + \frac{7}{t} = \frac{9}{x}$  for  $t$

10.  $\frac{2b}{ca} = -2$  for  $b$

Solve for indicated variable.

Document No.EQS8098

1.  $z = -8x - 7y$  for  $x$

6.  $z(x - 7) = y(-z - 1)$  for  $x$

2.  $q(4p + 5) = r(q + 6)$  for  $p$

7.  $-7b + 3a = -5c$  for  $a$

3.  $-2 = \frac{3t}{xv}$  for  $x$

8.  $-6v = 7x + 7t$  for  $t$

4.  $b = \frac{6c-2}{5a}$  for  $a$

9.  $8Q = -5P - 9R$  for  $R$

5.  $\frac{3}{tx} + \frac{4}{x} = -\frac{6}{t}$  for  $t$

10.  $2 = \frac{3t}{xv}$  for  $x$

Solve for indicated variable.

Document No.EQS8099

1.  $-\frac{4}{r} = \frac{6}{rq} + \frac{2}{q}$  for  $q$

6.  $\frac{x+1}{5y} = z$  for  $x$

2.  $\frac{9}{r} = \frac{8}{rp} - \frac{9}{p}$  for  $r$

7.  $\frac{2t}{xv} = -1$  for  $x$

3.  $q(-9r - 3) = p(-q + 7)$  for  $p$

8.  $-8 = \frac{6t}{su}$  for  $t$

4.  $\frac{6b}{ca} = -1$  for  $b$

9.  $\frac{5}{su} - \frac{5}{u} = -\frac{4}{s}$  for  $u$

5.  $5q = -7r + 3p$  for  $r$

10.  $-4t - 2u = s$  for  $u$

Solve for indicated variable.

Document No.EQS8100

1.  $-2x - 5y = -9z$  for  $y$

6.  $a(c - 4) = c(-4b + 9)$  for  $b$

2.  $\frac{7}{rq} - \frac{5}{q} = \frac{9}{r}$  for  $q$

7.  $-3 = \frac{9R}{PQ}$  for  $P$

3.  $8P = 3Q - 4R$  for  $Q$

8.  $-7R = 8N + 7T$  for  $N$

4.  $-4u + 3s = -6t$  for  $s$

9.  $b(a + 6) = a(4c - 9)$  for  $b$

5.  $N = \frac{1}{2R}(-7T - 2)$  for  $T$

10.  $\frac{2R}{QP} = -3$  for  $R$

**Document No. EQS8001**

- $R = \frac{2T}{3}N - 3$
- $N = -\frac{9T}{2} + \frac{3R}{2}$
- $t = -\frac{9u}{5s}$
- $R = -\frac{9T}{5} - \frac{7N}{5}$
- $T = \frac{8R}{5} + \frac{4N}{5}$
- $v = -\frac{4x}{5} - \frac{4}{5}$
- $y = \frac{2z(-x+1)}{z+7}$
- $q = \frac{2r}{9}p - \frac{8}{9}$
- $N = \frac{1}{7T}(5R + T(-R + 5))$
- $c = -\frac{7a}{2} - 2b$

**Document No. EQS8002**

- $y = \frac{x}{3} + \frac{4}{9}$
- $y = -x + 1$
- $a = -\frac{b}{2} + 1$
- $N = -\frac{9T}{4}R - 2$
- $x = -\frac{y}{2} + \frac{1}{4}$
- $y = -\frac{x}{6z}$
- $p = -\frac{4r}{5}q$
- $y = -\frac{x}{3} + z$
- $y = \frac{9x}{5} + \frac{3}{5}$
- $Q = \frac{1}{9R}(-6P + R(P + 9))$

**Document No. EQS8003**

- $r = -q + \frac{8p}{9}$
- $t = -\frac{2u}{7s}$
- $N = T + \frac{2R}{3}$
- $x = -9y - 2z$
- $T = -\frac{4N}{7} + \frac{5}{7}$
- $P = \frac{2R(Q-3)}{R+5}$
- $s = -\frac{u}{3} + \frac{t}{9}$
- $u = -\frac{2s}{3} - t$
- $x = -v + \frac{6v}{t} + 7$
- $p = \frac{4r}{3}q - \frac{7}{6}$

**Document No. EQS8004**

- $T = -N + \frac{2}{9}$
- $p = \frac{6q}{5} + \frac{6}{5}$
- $v = \frac{3t(3x+2)}{t+6}$
- $x = -\frac{yz}{4}$
- $r = \frac{5p}{9} + \frac{5}{9}$
- $R = \frac{2N}{3} + \frac{2T}{9}$
- $t = \frac{1}{5v}(7x - v(x + 4))$
- $x = \frac{5v}{7} + \frac{2t}{7}$
- $t = vx + 1$

10.  $t = -2s - 3$

**Document No. EQS8005**

- $c = -\frac{5b}{8} + \frac{9}{8}$
- $x = -\frac{5v+4}{7t}$
- $b = \frac{1}{6c}(7a + c(a - 7))$
- $a = \frac{c}{b}$
- $b = -\frac{7c+9}{6a}$
- $N = -\frac{4T(2R+1)}{T-6}$
- $s = \frac{7t}{9u}$
- $a = \frac{7c+8}{9b}$
- $y = \frac{1}{5z}(-6x + 4)$
- $N = \frac{R(8T-5)}{R+7}$

**Document No. EQS8006**

- $y = -\frac{1}{x}(x + 1)$
- $a = \frac{b-\frac{z}{2}}{4c}$
- $a = \frac{bc}{4}$
- $u = s - \frac{8s}{t} - 3$
- $x = \frac{1}{5z}(y + z(-y + 7))$
- $Q = 3R - \frac{2}{3}$
- $t = \frac{u}{5} + \frac{4s}{5}$
- $R = -\frac{TN}{5} + \frac{4}{5}$
- $u = -\frac{2t(3s+1)}{t+6}$
- $x = yz + 1$

**Document No. EQS8007**

- $N = -\frac{3T}{2} - \frac{3R}{2}$
- $v = \frac{tx}{3} - \frac{5}{6}$
- $R = \frac{4Q}{5} - \frac{6P}{5}$
- $r = \frac{q(-2p+9)}{q+6}$
- $s = -4t - \frac{5u}{2}$
- $s = \frac{2t(2u-3)}{t-1}$
- $u = -\frac{1}{9}(9t + 7)$
- $R = \frac{2T^8}{7} - \frac{4N}{7}$
- $x = -3y - 2$
- $x = -\frac{y}{7} + \frac{y}{z} - 1$

**Document No. EQS8008**

- $t = \frac{us}{5}$
- $t = \frac{1}{4x}(5v + x(v - 9))$
- $y = \frac{x}{4z}$
- $a = -\frac{5b}{4} + \frac{5}{4}$
- $y = -\frac{9x}{4z}$
- $u = \frac{3t}{7} + \frac{1}{7}$

7.  $R = \frac{2P}{7} + \frac{5Q}{7}$
8.  $y = \frac{4x+5}{6z}$
9.  $x = \frac{5y}{8} - \frac{1}{8}$
10.  $R = \frac{TN}{2} + 1$

**Document No. EQS8009**

1.  $t = \frac{1}{4}(3s - 4)$
2.  $y = \frac{1}{4}\left(x + \frac{7}{6}\right)$
3.  $t = \frac{1}{7s}(-4u + 1)$
4.  $y = -\frac{z(3x+2)}{z+3}$
5.  $u = \frac{1}{5s}(2t + s(t + 3))$
6.  $t = -\frac{4v}{5} + \frac{9}{5}$
7.  $y = \frac{5x}{8z}$
8.  $b = \frac{1}{4c}(a + c(a - 5))$
9.  $u = \frac{4c-1}{8t}$
10.  $r = -qp - \frac{8}{9}$

**Document No. EQS8010**

1.  $p = \frac{r}{4} + \frac{3q}{2}$
2.  $P = \frac{1}{3R}(-5Q + R(Q - 2))$
3.  $t = -2vx$
4.  $c = \frac{b(8a-3)}{b+7}$
5.  $u = \frac{6t+3}{8s}$
6.  $s = -\frac{1}{t}(4u + 7)$
7.  $t = -x + \frac{8}{3}$
8.  $x = \frac{4y}{3} - \frac{7z}{3}$
9.  $q = -\frac{5r}{6} + \frac{1}{6}$
10.  $y = -\frac{6x}{5} - \frac{2z}{5}$

**Document No. EQS8011**

1.  $x = \frac{1}{3z}(-y + z(y - 5))$
2.  $y = -\frac{5x}{2} + \frac{5z}{2}$
3.  $v = \frac{t(-7x+9)}{t+9}$
4.  $T = \frac{6N}{R}$
5.  $Q = -\frac{6R}{5P}$
6.  $t = \frac{s(5u-2)}{s-4}$
7.  $R = \frac{TN}{8} - \frac{1}{8}$
8.  $x = -\frac{7y}{5} + \frac{4z}{5}$
9.  $x = \frac{4y}{3}z + \frac{1}{3}$
10.  $R = -8Q - 6$

**Document No. EQS8012**

1.  $c = \frac{b}{2} + \frac{4b}{a} - 3$
2.  $Q = RP + \frac{1}{2}$
3.  $r = \frac{2p}{3} - \frac{4}{9}$

4.  $y = -\frac{1}{z}(x + 1)$
5.  $p = -rq$
6.  $q = -\frac{2r}{3p}$
7.  $x = \frac{t}{3} - \frac{2t}{v} + 1$
8.  $c = -\frac{5a}{7}b$
9.  $R = \frac{4T}{3} + 2N$
10.  $y = 2x - \frac{8z}{3}$

**Document No. EQS8013**

1.  $p = \frac{2q}{3} + \frac{5r}{6}$
2.  $y = -\frac{7x}{2} - \frac{3z}{2}$
3.  $t = \frac{1}{4s}(3u + s(u + 5))$
4.  $t = \frac{8s}{3} - \frac{2u}{3}$
5.  $y = \frac{z(9x-4)}{z-7}$
6.  $p = -q - \frac{6q}{r} + 5$
7.  $p = \frac{2q}{7} + \frac{3r}{7}$
8.  $R = \frac{2Q}{9} - \frac{4}{9}$
9.  $b = \frac{3a}{5} - \frac{8c}{5}$
10.  $b = -\frac{7a}{4}c$

**Document No. EQS8014**

1.  $p = -9rq - 5$
2.  $P = -\frac{3Q}{7} - \frac{4}{7}$
3.  $q = \frac{4p}{3}r - \frac{1}{3}$
4.  $R = -\frac{8P}{5Q}$
5.  $s = -7u - 2t$
6.  $v = -\frac{9x}{7t}$
7.  $y = \frac{1}{3z}(-6x + 7)$
8.  $y = 2x - \frac{2}{3}$
9.  $c = -a + 2b$
10.  $P = -\frac{QR}{8}$

**Document No. EQS8015**

1.  $y = \frac{1}{z}(9x - 4)$
2.  $y = -\frac{x}{3} - z$
3.  $y = \frac{4x-9}{6z}$
4.  $x = \frac{1}{7z}(-2y + z(y + 5))$
5.  $R = \frac{T(7N+4)}{T+1}$
6.  $q = -\frac{2p}{r}$
7.  $R = -\frac{1}{8T}(5N + T(N + 8))$
8.  $v = -\frac{9t+8}{5x}$
9.  $T = \frac{4R}{5}N$
10.  $u = -\frac{9s}{8} + \frac{3t}{4}$

**Document No. EQS8016**

1.  $b = a - \frac{3c}{4}$

- $Q = \frac{8R}{5} + \frac{3}{5}$
- $y = \frac{1}{z}(-x + \frac{1}{2})$
- $t = \frac{1}{7x}(-2v + x(-v + 8))$
- $x = -\frac{2y}{9} - \frac{7}{9}$
- $q = \frac{5r}{7} + \frac{p}{7}$
- $v = \frac{x(9t-5)}{x+6}$
- $a = \frac{3b}{2} - \frac{9c}{4}$
- $P = -\frac{2Q(2R+3)}{Q-2}$
- $u = \frac{5t}{2} - \frac{9}{2}$

**Document No. EQS8017**

- $y = -2x + \frac{5z}{3}$
- $p = -\frac{2r}{5q}$
- $u = -\frac{1}{9t}(5s + t(s + 3))$
- $x = \frac{1}{4z}(9y + z(y + 3))$
- $q = \frac{1}{r}(p + \frac{1}{2})$
- $b = -\frac{3c}{2}a$
- $t = \frac{9u}{8s}$
- $s = \frac{7t+6}{3u}$
- $R = N - \frac{4T}{9}$
- $y = -\frac{3x}{7} + 1$

**Document No. EQS8018**

- $t = -6su + 3$
- $x = -6y - 6z$
- $r = \frac{1}{9q}(8p + q(-p + 7))$
- $u = -\frac{9s}{7} + \frac{1}{7}$
- $t = \frac{5v}{4}x$
- $x = -\frac{yz}{5}$
- $P = \frac{6Q-2}{5R}$
- $a = \frac{b(-5c+2)}{b-5}$
- $y = -\frac{9x}{4} - \frac{z}{4}$
- $q = -\frac{8p}{5} + \frac{8}{5}$

**Document No. EQS8019**

- $x = \frac{3y}{7} + \frac{8}{7}$
- $t = \frac{1}{8x}(-9v + x(-v + 6))$
- $y = -\frac{7x}{2} - 1$
- $p = \frac{1}{3r}(-5q + r(q + 9))$
- $x = -\frac{yz}{2}$
- $x = \frac{1}{7z}(-y + z(y + 9))$
- $x = yz$
- $R = -\frac{7T}{5}N + \frac{4}{5}$
- $P = -2R - 2Q$
- $T = -\frac{5R}{8} + \frac{N}{8}$

**Document No. EQS8020**

- $T = 3RN$
- $Q = \frac{1}{7R}(-9P + R(P + 9))$
- $R = -PQ$
- $x = \frac{y}{3} + \frac{2}{3}$
- $b = \frac{a}{2} + \frac{3c}{4}$
- $p = \frac{r}{4} - \frac{3q}{4}$
- $s = \frac{1}{5\mu}(-8t + u(t - 5))$
- $a = \frac{cb}{6}$
- $s = \frac{5t-8}{7u}$
- $b = \frac{7u}{5a}$

**Document No. EQS8021**

- $Q = -\frac{3R}{4}P$
- $x = \frac{4y}{5}z$
- $x = -\frac{3y}{2} + 1$
- $N = \frac{T}{4} - \frac{9}{8}$
- $b = a - 1$
- $p = -2q - 8$
- $x = \frac{7v}{6} + \frac{4t}{3}$
- $t = -\frac{6x}{5} + \frac{7}{5}v$
- $t = -\frac{8x}{7} + \frac{8v}{7}$
- $u = -\frac{8t}{7}s$

**Document No. EQS8022**

- $Q = \frac{4P-3}{2R}$
- $x = \frac{1}{7z}(-3y + z(y + 9))$
- $t = -\frac{5s}{8u}$
- $R = \frac{5Q}{6} - \frac{4P}{3}$
- $c = \frac{3a(2b-3)}{a-8}$
- $x = -\frac{y}{2} - 1$
- $r = \frac{2p}{7} + \frac{3q}{7}$
- $b = ac$
- $r = -\frac{7p}{3q}$
- $v = -\frac{6x}{5} + \frac{t}{5}$

**Document No. EQS8023**

- $y = \frac{6x-4}{5z}$
- $r = q - \frac{3}{5}$
- $R = \frac{4N}{9} - \frac{5T}{9}$
- $x = \frac{1}{5z}(-2y + z(y + 6))$
- $x = -\frac{yz}{2}$
- $Q = -\frac{8P}{9} + \frac{7}{9}$
- $y = \frac{z(-5x+9)}{z+1}$
- $x = \frac{yz}{5} + 1$

$$9. b = -\frac{9c+4}{3a}$$

$$10. N = \frac{4T+5}{2R}$$

### Document No. EQS8024

$$1. Q = \frac{1}{8R} (3P - R(P + 2))$$

$$2. t = \frac{u}{6} - \frac{s}{2}$$

$$3. y = -\frac{x}{3z}$$

$$4. x = \frac{1}{6t} (-2v + 1)$$

$$5. a = -\frac{7b}{4}c - \frac{1}{4}$$

$$6. r = -\frac{5p}{2q}$$

$$7. x = \frac{5y}{6} - \frac{3z}{2}$$

$$8. r = -\frac{q}{2} + \frac{3q}{p} - 2$$

$$9. y = \frac{3x}{2z}$$

$$10. u = \frac{t}{3} - \frac{s}{3}$$

### Document No. EQS8025

$$1. x = -\frac{y}{4} - \frac{1}{8}$$

$$2. x = y + \frac{9y}{4} - 4$$

$$3. v = \frac{4t}{3} + \frac{z}{3}$$

$$4. q = \frac{3r}{7} + \frac{6p}{7}$$

$$5. v = -\frac{9t}{5} - \frac{2}{5}$$

$$6. P = -\frac{4Q}{7} + R$$

$$7. q = -\frac{5r+8}{9p}$$

$$8. T = -2R + \frac{N}{4}$$

$$9. a = \frac{5b}{6} + \frac{3}{2}$$

$$10. P = \frac{R}{4Q}$$

### Document No. EQS8026

$$1. x = 4yz$$

$$2. y = \frac{2z}{z-4} (-3x + 1)$$

$$3. x = 3y + \frac{4}{3}$$

$$4. p = -\frac{4r}{7}q$$

$$5. p = \frac{1}{9r} (-2q + r(q - 9))$$

$$6. r = -\frac{8p}{7q}$$

$$7. c = \frac{3b}{2a}$$

$$8. r = \frac{5p}{8}q$$

$$9. T = \frac{8R+2}{9N}$$

$$10. x = -\frac{7y}{3} + \frac{5z}{3}$$

### Document No. EQS8027

$$1. a = \frac{5c}{8} - \frac{7b}{8}$$

$$2. c = \frac{5a}{8b}$$

$$3. q = -\frac{5r+7}{7p}$$

$$4. p = -6r + 4q$$

$$5. y = \frac{3x}{2z}$$

$$6. N = \frac{7T}{8} - \frac{7R}{8}$$

$$7. Q = \frac{7P}{2}R - \frac{5}{2}$$

$$8. Q = -\frac{3R+4}{2P}$$

$$9. t = -\frac{2x}{3} - \frac{v}{3}$$

$$10. v = \frac{5t}{2} - \frac{9x}{2}$$

### Document No. EQS8028

$$1. u = \frac{1}{8s} (-5t + s(t + 8))$$

$$2. c = -\frac{6b}{7}a$$

$$3. x = y + \frac{4y}{z} + 7$$

$$4. q = \frac{r}{p}$$

$$5. r = -\frac{5p}{q}$$

$$6. T = \frac{1}{4R} (2N + R(-N + 9))$$

$$7. Q = \frac{4R}{9}P$$

$$8. c = \frac{ba}{6}$$

$$9. x = \frac{3y}{2} - \frac{3z}{2}$$

$$10. y = 4x + \frac{7}{2}$$

### Document No. EQS8029

$$1. t = \frac{2v(2x+1)}{v-2}$$

$$2. R = -\frac{4T}{9} - \frac{4N}{9}$$

$$3. s = \frac{2t(2u+3)}{t-3}$$

$$4. x = -\frac{2v}{7} - \frac{4}{7}$$

$$5. y = \frac{3z(2x-3)}{z+1}$$

$$6. q = \frac{pr}{2} - \frac{4}{3}$$

$$7. x = -\frac{1}{t} (v + \frac{t}{6} (v + 7))$$

$$8. x = -\frac{1}{5z} (2y + z(y + 2))$$

$$9. t = -\frac{v}{3} - \frac{1}{3}$$

$$10. v = -\frac{5t}{6} - \frac{1}{2}$$

### Document No. EQS8030

$$1. y = -x - \frac{7z}{4}$$

$$2. p = -\frac{1}{q} (r + 2)$$

$$3. t = \frac{2v}{3} + \frac{4}{9}$$

$$4. y = -\frac{4x}{9} + \frac{z}{9}$$

$$5. y = \frac{3x}{2} - \frac{7z}{4}$$

$$6. x = \frac{3y}{7} + \frac{8}{7}$$

$$7. q = -\frac{2r}{5} + \frac{4}{5}$$

$$8. y = \frac{1}{3z} (-4x + 7)$$

$$9. s = -\frac{9t}{8}u$$

$$10. r = \frac{p}{5} - \frac{7q}{5}$$

### Document No. EQS8031

$$1. b = \frac{4c}{3} + \frac{5}{6}$$

$$2. y = -\frac{9x}{8z}$$



3.  $y = \frac{3x-1}{2z}$
4.  $R = -\frac{4P}{7} - \frac{8}{7}$
5.  $a = -\frac{5c}{9}b + 1$
6.  $N = 6T + 2R$
7.  $y = \frac{5x}{9} - \frac{4}{9}$
8.  $x = -2yz$
9.  $y = -\frac{9x}{7z}$
10.  $q = p + \frac{2}{3}$

**Document No. EQS8032**

1.  $t = \frac{8s}{3} - \frac{7}{3}$
2.  $P = \frac{9R}{2} + \frac{Q}{2}$
3.  $T = -\frac{R(3N+8)}{R-5}$
4.  $P = -\frac{2Q}{3} - \frac{R}{2}$
5.  $u = 3t + 2$
6.  $T = \frac{N(6R-7)}{N-1}$
7.  $t = x + v$
8.  $x = -\frac{9y}{8} + \frac{3z}{8}$
9.  $y = -\frac{8}{7x}$
10.  $y = \frac{1}{z}(-x + \frac{9}{2})$

**Document No. EQS8033**

1.  $y = \frac{x+2}{3z}$
2.  $P = -RQ + 3$
3.  $p = \frac{8q}{7} - \frac{5r}{7}$
4.  $R = \frac{1}{9N}(2T + N(T - 9))$
5.  $u = \frac{7t}{9}s + \frac{4}{9}$
6.  $t = \frac{4u}{3} - \frac{7}{6}$
7.  $b = -4ca + 5$
8.  $x = -\frac{y}{2} + \frac{z}{2}$
9.  $R = \frac{P(5Q-6)}{P-5}$
10.  $R = -\frac{7T}{3} + \frac{5}{3}$

**Document No. EQS8034**

1.  $P = -\frac{1}{R}(Q + 3)$
2.  $x = 4y + 5z$
3.  $x = \frac{3y}{8}z$
4.  $a = -\frac{9c}{8}b + \frac{3}{8}$
5.  $a = -\frac{bc}{8} - \frac{1}{2}$
6.  $y = -\frac{5x}{9z}$
7.  $t = \frac{7x-5}{6v}$
8.  $x = \frac{1}{3z}(8y + z(y + 2))$
9.  $c = -2b - \frac{7a}{2}$
10.  $t = \frac{5s}{7} - \frac{u}{7}$

**Document No. EQS8035**

1.  $y = \frac{5x}{7} + \frac{4}{7}$
2.  $Q = -3P + 1$
3.  $t = \frac{6x}{5} + 1$
4.  $R = \frac{Q}{4} - P$
5.  $x = \frac{1}{2z}(5y - z(y + 4))$
6.  $y = -\frac{8x}{7z}$
7.  $s = \frac{5t}{2}u$
8.  $q = -p - \frac{5r}{3}$
9.  $t = 3u + \frac{8s}{3}$
10.  $p = \frac{q}{4} - \frac{9}{8}$

**Document No. EQS8036**

1.  $y = -\frac{5x}{7} - \frac{2}{7}$
2.  $y = 3x + 2z$
3.  $x = 4yz + 5$
4.  $v = \frac{t(3x+4)}{t-1}$
5.  $y = \frac{2x-2}{7z}$
6.  $a = \frac{1}{9c}(-5b + c(b - 8))$
7.  $q = \frac{r(8p+9)}{r+8}$
8.  $u = \frac{6s}{t}$
9.  $a = -\frac{5b}{9}c + \frac{4}{9}$
10.  $u = \frac{4t}{9}s - \frac{1}{3}$

**Document No. EQS8037**

1.  $N = \frac{1}{7T}(-2R + T(-R + 2))$
2.  $Q = -\frac{7R}{6} - \frac{7}{6}$
3.  $u = -\frac{st}{7}$
4.  $a = 7bc$
5.  $y = \frac{3z(-x+1)}{z-8}$
6.  $x = yz$
7.  $y = -\frac{x}{3z}$
8.  $y = \frac{5x+1}{8z}$
9.  $P = -\frac{7Q}{9} + \frac{8}{9}$
10.  $c = \frac{b(-2a+9)}{b-9}$

**Document No. EQS8038**

1.  $R = \frac{7N}{9} - \frac{1}{9}$
2.  $x = \frac{1}{5t}(8v + t(v + 7))$
3.  $y = -3x - \frac{z}{3}$
4.  $a = -\frac{2b}{5} - \frac{c}{5}$
5.  $y = \frac{3x}{2} - \frac{z}{4}$
6.  $Q = \frac{1}{2R}(-9P + R(P - 3))$
7.  $q = \frac{r(-3p+8)}{r+1}$
8.  $r = -\frac{3q}{p}$
9.  $x = -\frac{6y}{5} - \frac{z}{5}$

$$10. x = -t + \frac{3t}{v} + 3$$

**Document No. EQS8039**

1.  $P = 3QR$
2.  $x = -3y - 2$
3.  $R = \frac{9T}{8}N$
4.  $b = ca$
5.  $y = -\frac{x}{6} - \frac{z}{2}$
6.  $R = \frac{9N}{2T}$
7.  $y = \frac{x-3}{7z}$
8.  $y = \frac{1}{7z}(-6x + 7)$
9.  $t = \frac{4z}{8} - 1$
10.  $y = \frac{z(5x+3)}{z+9}$

**Document No. EQS8040**

1.  $a = \frac{c}{b}$
2.  $x = -\frac{3y}{8}z$
3.  $q = \frac{r(-8p+7)}{r+2}$
4.  $b = -\frac{9c}{5}a - \frac{4}{5}$
5.  $r = \frac{9q}{2} - \frac{1}{2}$
6.  $r = \frac{7q}{5} - \frac{8}{5}$
7.  $u = \frac{4t}{t+7}(-2s + 1)$
8.  $N = \frac{2R}{5} - 1$
9.  $b = \frac{2a-3}{4c}$
10.  $v = -3tx$

**Document No. EQS8041**

1.  $R = \frac{2Q}{9} - \frac{P}{3}$
2.  $b = 4c + 2$
3.  $r = \frac{5q}{7} + \frac{3p}{7}$
4.  $c = -\frac{2a}{3} - b$
5.  $x = -\frac{5y}{8}z + \frac{1}{8}$
6.  $p = \frac{7r}{2q}$
7.  $T = \frac{4N}{9} + \frac{2R}{9}$
8.  $N = \frac{2R}{9}$
9.  $b = c + \frac{2}{7}$
10.  $R = \frac{7Q}{2} + 3$

**Document No. EQS8042**

1.  $x = -\frac{yz}{2}$
2.  $y = -\frac{2x+5}{8z}$
3.  $R = \frac{7N}{6T}$
4.  $r = \frac{2q(-p+4)}{q+8}$
5.  $v = -\frac{x}{2} + \frac{x}{t} - \frac{9}{2}$
6.  $t = \frac{v-8}{9x}$

7.  $t = -vx$
8.  $P = -\frac{Q}{R}$
9.  $y = x - \frac{1}{9}$
10.  $y = \frac{2z}{z-6}(-4x + 3)$

**Document No. EQS8043**

1.  $y = -\frac{7z(x+1)}{z+7}$
2.  $R = \frac{1}{5Q}(-8P + 1)$
3.  $q = \frac{7P}{3}$
4.  $s = 2u - \frac{7}{4}$
5.  $y = -\frac{4x}{9} + \frac{4z}{9}$
6.  $y = \frac{5x}{4} - \frac{9}{4}$
7.  $x = \frac{yz}{2}$
8.  $R = -N + \frac{9T}{5}$
9.  $c = -\frac{5a}{2} + 3b$
10.  $q = \frac{p}{8} - \frac{1}{8}$

**Document No. EQS8044**

1.  $Q = \frac{9R}{5} - \frac{3P}{5}$
2.  $c = \frac{3b}{2} - 2$
3.  $y = 7x - 4$
4.  $R = \frac{1}{4P}(8Q - P(Q + 7))$
5.  $R = \frac{1}{4N}(8T + N(-T + 6))$
6.  $s = -\frac{3t}{5} + \frac{1}{5}$
7.  $x = \frac{5v}{3} - 2$
8.  $y = \frac{z(-8x+3)}{z-5}$
9.  $p = -4r + \frac{q}{2}$
10.  $y = -\frac{3z(3x+1)}{z-8}$

**Document No. EQS8045**

1.  $a = \frac{1}{5b}(-7c + 5)$
2.  $q = -\frac{2r}{3}p + \frac{2}{3}$
3.  $Q = -3P - \frac{5}{3}$
4.  $y = -\frac{2x}{z}$
5.  $y = \frac{9z(x-1)}{z-5}$
6.  $x = \frac{1}{5z}(-2y + z(y + 6))$
7.  $r = -pq - \frac{7}{6}$
8.  $x = \frac{v}{5} + \frac{9}{5}$
9.  $P = -\frac{9R}{4} + \frac{3}{2}$
10.  $N = \frac{1}{4T}(-7R + T(-R + 5))$

**Document No. EQS8046**

1.  $r = \frac{2p}{7}q - \frac{4}{7}$
2.  $b = \frac{1}{a}(c - \frac{7}{8})$
3.  $T = \frac{1}{5N}(-9R + N(R - 5))$
4.  $N = \frac{5R}{3} - \frac{1}{3}$

5.  $x = \frac{4y}{9} + \frac{5}{9}$
6.  $q = \frac{3r-3}{4p}$
7.  $x = -\frac{9y}{7}z$
8.  $R = \frac{T(-3N+8)}{T-6}$
9.  $N = -\frac{7T}{8} + R$
10.  $x = -\frac{8y}{9} + \frac{5z}{9}$

**Document No. EQS8047**

1.  $b = a + \frac{a}{c} + 6$
2.  $b = \frac{1}{3a}(2c - a(c + 8))$
3.  $p = -q + \frac{3r}{5}$
4.  $p = -\frac{9r}{7} + \frac{5q}{7}$
5.  $b = \frac{1}{7c}(-5a + 4)$
6.  $c = -\frac{5a}{4} - \frac{3b}{4}$
7.  $b = \frac{5a}{6c}$
8.  $R = -Q + \frac{6Q}{P} + 5$
9.  $R = \frac{7T}{8} + \frac{5}{8}$
10.  $v = -tx - \frac{1}{2}$

**Document No. EQS8048**

1.  $x = -\frac{3y}{4}z$
2.  $P = -3R - 3Q$
3.  $t = -\frac{us}{4} - \frac{1}{4}$
4.  $x = \frac{9y}{5}z$
5.  $b = \frac{3c}{2} + \frac{5a}{2}$
6.  $t = -\frac{2u}{3}s + \frac{5}{9}$
7.  $y = -3x - \frac{1}{3}$
8.  $a = \frac{2b(c-4)}{b-8}$
9.  $p = 4q + 3r$
10.  $y = \frac{5x+2}{6z}$

**Document No. EQS8049**

1.  $P = -2R + \frac{2Q}{3}$
2.  $x = \frac{7y}{9}z + \frac{1}{9}$
3.  $v = \frac{xt}{2} + \frac{1}{6}$
4.  $y = \frac{x}{5} + z$
5.  $b = \frac{4c}{9a}$
6.  $r = -qp$
7.  $R = -\frac{8Q}{9}P$
8.  $Q = \frac{1}{3R}(4P - R(P + 5))$
9.  $x = \frac{1}{7z}(2y + z(-y + 6))$
10.  $Q = \frac{1}{4P}(R - P(R + 3))$

**Document No. EQS8050**

1.  $b = \frac{a}{6c}$

2.  $x = \frac{5y}{7} + \frac{2z}{7}$
3.  $x = \frac{yz}{2}$
4.  $x = \frac{8t}{7} - \frac{2}{7}$
5.  $x = -4y - 1$
6.  $R = -\frac{4N}{T}$
7.  $R = \frac{Q(2P+3)}{Q-7}$
8.  $q = \frac{2p(3r-4)}{p+3}$
9.  $a = -cb$
10.  $x = \frac{9y}{8}z$

**Document No. EQS8051**

1.  $T = -\frac{9R+3}{2N}$
2.  $c = \frac{b-1}{4a}$
3.  $y = \frac{x}{8z}$
4.  $p = 9r + 9q$
5.  $p = -\frac{7r}{6}q$
6.  $x = -\frac{2y}{9} + \frac{2z}{9}$
7.  $r = -\frac{2q}{7} + \frac{2}{7}$
8.  $x = -y + \frac{5z}{4}$
9.  $R = \frac{3N}{2} - \frac{1}{2}$
10.  $x = \frac{t(-v+4)}{t-2}$

**Document No. EQS8052**

1.  $v = -\frac{2t}{5x}$
2.  $x = \frac{1}{z}(y + \frac{z}{6}(-y + 4))$
3.  $c = \frac{8b}{9} + \frac{8}{9}$
4.  $N = -\frac{5R}{8} - \frac{1}{4}$
5.  $a = -b - \frac{3c}{7}$
6.  $T = \frac{5R(N+1)}{R+8}$
7.  $P = -\frac{3Q}{2R}$
8.  $u = -ts - 4$
9.  $y = -\frac{8x}{9} + \frac{2z}{9}$
10.  $x = \frac{yz}{5}$

**Document No. EQS8053**

1.  $q = -\frac{9r}{4} - 2p$
2.  $t = -\frac{5x}{7}v + \frac{9}{7}$
3.  $b = \frac{a}{3c}$
4.  $s = -\frac{8u}{7t}$
5.  $N = \frac{1}{9R}(-T + R(-T + 2))$
6.  $R = \frac{TN}{2}$
7.  $u = \frac{2s}{7}t + \frac{1}{7}$
8.  $c = -ba - \frac{5}{8}$
9.  $N = -\frac{7R}{8}T$
10.  $b = \frac{3a}{4c}$

**Document No. EQS8054**

- $T = -\frac{2R}{N}$
- $R = -3P - 4Q$
- $y = -\frac{2x}{7} - \frac{1}{7}$
- $y = \frac{z(-8x+5)}{z-9}$
- $y = 9x - 9$
- $u = \frac{s}{3} - 2t$
- $T = -\frac{4N}{5}R + 1$
- $c = -b - \frac{9a}{7}$
- $Q = -2R - \frac{7}{2}$
- $x = -\frac{1}{7z}(y + z(y + 3))$

**Document No. EQS8055**

- $T = \frac{N-3}{8R}$
- $s = -\frac{1}{6t}(8u + t(u + 3))$
- $v = -\frac{t}{4} - \frac{3}{8}$
- $P = -\frac{9Q}{5R}$
- $t = \frac{s+9}{6u}$
- $u = \frac{1}{s}(-t + \frac{s}{4}(t + 2))$
- $y = -\frac{4x}{7} + \frac{5}{7}$
- $Q = \frac{3R}{8} + \frac{7P}{8}$
- $r = \frac{1}{9p}(-5q + p(q - 9))$
- $x = -\frac{5y}{9} + z$

**Document No. EQS8056**

- $p = -\frac{2q}{3r}$
- $x = \frac{yz}{6}$
- $r = -\frac{5p}{9q}$
- $P = \frac{Q-6}{3R}$
- $x = \frac{1}{5z}(2y + z(y - 2))$
- $a = \frac{3z}{8}c$
- $x = -\frac{yz}{3} - \frac{8}{9}$
- $q = r + \frac{3}{5}$
- $x = -\frac{3v}{4t}$
- $s = \frac{5t}{2} + 3u$

**Document No. EQS8057**

- $x = -\frac{3v}{4} - \frac{3}{8}$
- $t = -x - v$
- $y = -\frac{z(7x+9)}{z+8}$
- $a = \frac{3b}{2}c$
- $Q = R + \frac{2P}{3}$
- $y = -\frac{5x+2}{4z}$
- $t = \frac{9x}{8}v$
- $u = -\frac{2s}{t}$

$$9. t = \frac{4u(2s+1)}{u+5}$$

$$10. b = \frac{7a}{4}c - \frac{7}{4}$$

**Document No. EQS8058**

- $y = -\frac{5x}{9z}$
- $R = \frac{8Q}{9} - \frac{P}{3}$
- $s = \frac{3t}{2}u - 1$
- $s = -\frac{t+5}{8u}$
- $t = \frac{4v}{7} + \frac{4}{7}$
- $t = -8x - v$
- $R = -N + \frac{4N}{T} - 6$
- $x = -\frac{7y}{9}z - \frac{1}{3}$
- $q = -\frac{5p}{6} + \frac{1}{3}$
- $R = -2N - 5T$

**Document No. EQS8059**

- $q = -3p + 4$
- $y = \frac{5x}{6} - \frac{3z}{2}$
- $Q = -\frac{3R(2P+3)}{R-1}$
- $u = -\frac{9t}{8}s + \frac{1}{8}$
- $p = \frac{q}{8r}$
- $y = \frac{5x}{8z}$
- $b = -\frac{2a}{c}$
- $y = \frac{9x}{8} - \frac{1}{4}$
- $y = -\frac{5x}{8z}$
- $R = \frac{4N}{7T}$

**Document No. EQS8060**

- $R = \frac{TN}{6} + 1$
- $Q = \frac{1}{5R}(P + R(-P + 4))$
- $x = 4yz$
- $x = \frac{y}{3} - \frac{1}{2}$
- $b = \frac{a(5c+8)}{a-1}$
- $r = -\frac{q(3p+8)}{q-9}$
- $x = \frac{2y}{5} - \frac{9z}{5}$
- $r = \frac{p(-5q+4)}{p-5}$
- $p = -\frac{2r}{3} + \frac{8q}{3}$
- $q = \frac{6p+2}{7r}$

**Document No. EQS8061**

- $y = \frac{1}{9z}(-2x + 5)$
- $t = \frac{3v}{5} + \frac{9}{5}$
- $s = -\frac{u}{2} - \frac{3t}{4}$
- $y = \frac{6x+4}{3z}$
- $x = -7yz$

6.  $N = -\frac{5R}{9T}$
7.  $t = \frac{7u}{9} - \frac{2s}{3}$
8.  $p = 5rq$
9.  $N = -3TR$
10.  $x = -5y + 4z$

**Document No. EQS8062**

1.  $s = \frac{2u}{3} - \frac{4}{3}$
2.  $P = -\frac{2Q}{3}R + \frac{2}{3}$
3.  $y = 9x + 6$
4.  $v = -3xt + \frac{9}{2}$
5.  $R = \frac{9T}{8}N$
6.  $t = -2xv - 8$
7.  $b = \frac{a(c+9)}{a-9}$
8.  $a = \frac{-c+2}{3b}$
9.  $a = -c + 2$
10.  $y = -\frac{x}{3z}$

**Document No. EQS8063**

1.  $b = \frac{1}{6c}(-4a + 5)$
2.  $T = \frac{7R}{4} + \frac{3N}{4}$
3.  $Q = -\frac{5R}{4} - \frac{P}{2}$
4.  $y = \frac{4x-3}{9z}$
5.  $y = \frac{1}{5}(5x + 7)$
6.  $x = \frac{7y}{8}z + \frac{1}{2}$
7.  $x = 3tv + 4$
8.  $t = \frac{4v}{7} + \frac{9x}{7}$
9.  $u = -\frac{s(5t+4)}{s-2}$
10.  $R = -\frac{4P}{7} + Q$

**Document No. EQS8064**

1.  $t = \frac{5v}{8} - \frac{x}{2}$
2.  $x = \frac{3y}{8}z$
3.  $T = \frac{9R}{4}N + \frac{1}{4}$
4.  $b = \frac{7c}{6} + \frac{a}{3}$
5.  $q = \frac{rp}{3}$
6.  $P = -RQ - 9$
7.  $b = \frac{9a+9}{8c}$
8.  $x = 3yz$
9.  $x = \frac{1}{5z}(-8y + z(y + 3))$
10.  $c = \frac{7a-9}{2b}$

**Document No. EQS8065**

1.  $y = \frac{3z(-x+1)}{z+2}$
2.  $T = 3N - 3R$
3.  $a = -\frac{5c}{4} + \frac{3}{4}$

4.  $v = -\frac{7t}{8x}$
5.  $Q = -\frac{R(3P+7)}{R-6}$
6.  $R = -P - \frac{8P}{Q} + 6$
7.  $x = \frac{1}{2z}(9y - z(y + 6))$
8.  $N = 5R + 8T$
9.  $x = \frac{3y}{2} + \frac{9}{2}$
10.  $y = \frac{9x-6}{5z}$

**Document No. EQS8066**

1.  $u = -\frac{2s}{7t}$
2.  $x = \frac{v-2}{2t}$
3.  $y = -\frac{3x+5}{6z}$
4.  $R = NT - 2$
5.  $R = \frac{7T}{4} - \frac{9N}{4}$
6.  $b = \frac{c-3}{6a}$
7.  $u = -\frac{4t}{7} - 1$
8.  $x = \frac{4y}{9} - \frac{7z}{9}$
9.  $b = 7ac + 3$
10.  $v = 8tx$

**Document No. EQS8067**

1.  $u = t - \frac{s}{2}$
2.  $x = v + \frac{8v}{t} + 9$
3.  $y = \frac{3z(3x+1)}{z-5}$
4.  $u = \frac{5t}{8}s$
5.  $R = Q - \frac{P}{4}$
6.  $a = \frac{c(7b-4)}{c+7}$
7.  $a = -\frac{2c}{3} - \frac{2}{3}$
8.  $y = \frac{2z(x+2)}{z-5}$
9.  $s = \frac{4u}{5} - \frac{3}{5}$
10.  $R = -2Q - \frac{1}{2}$

**Document No. EQS8068**

1.  $x = -\frac{3y}{2}z + \frac{5}{4}$
2.  $b = \frac{6a}{5} - \frac{8c}{5}$
3.  $u = \frac{t(-7s+9)}{t+5}$
4.  $r = -\frac{1}{6q}(8p + q(p + 5))$
5.  $R = -\frac{6P}{Q}$
6.  $R = -\frac{4Q}{3} + \frac{P}{6}$
7.  $v = \frac{t}{4} + \frac{2t}{x} + 1$
8.  $c = -\frac{b}{3a}$
9.  $q = -\frac{3r}{4}p$
10.  $x = \frac{t}{2} + \frac{1}{8}$

**Document No. EQS8069**

- $b = \frac{5c}{4} - \frac{3}{2}$
- $x = \frac{3y}{8} + \frac{z}{4}$
- $u = -\frac{s}{5t}$
- $x = \frac{3y}{2}z + \frac{3}{2}$
- $p = \frac{1}{7q}(9r + q(r + 3))$
- $q = -\frac{2r(4p+3)}{r+2}$
- $u = s - \frac{3}{8}$
- $T = -\frac{6R+8}{9N}$
- $p = \frac{5r}{8} + \frac{q}{2}$
- $x = -\frac{y}{4} + \frac{y}{z} - \frac{5}{4}$

**Document No. EQS8070**

- $R = \frac{1}{9N}(-4T + N(T + 4))$
- $R = -TN$
- $x = -\frac{7v}{4} + 1$
- $R = -\frac{N}{6T}$
- $y = \frac{5x}{8} + \frac{5}{32}$
- $x = \frac{yz}{2} - \frac{z}{3}$
- $y = \frac{6x}{7} + \frac{z}{7}$
- $t = \frac{1}{3x}(-6v + 1)$
- $t = \frac{2s}{5} - \frac{9}{5}$
- $x = -\frac{4y}{3}z$

**Document No. EQS8071**

- $t = -\frac{su}{4} + \frac{1}{2}$
- $x = -9yz$
- $p = -\frac{7q}{4r}$
- $T = \frac{1}{6N}(R + N(-R + 5))$
- $p = -\frac{6q(r+1)}{q-9}$
- $R = -P + \frac{5P}{Q} + 2$
- $x = -\frac{y}{2} + \frac{5}{6}$
- $P = -QR$
- $u = -\frac{5s}{7} + \frac{6}{7}$
- $N = TR$

**Document No. EQS8072**

- $q = r - \frac{1}{3}$
- $c = ab$
- $s = 6t + 2$
- $r = \frac{9q+9}{2p}$
- $P = \frac{5Q}{4} + \frac{1}{2}$
- $R = \frac{6Q}{5} - \frac{P}{5}$
- $x = \frac{5t}{3} - 3$
- $R = \frac{3T}{4} - \frac{3}{2}$
- $a = \frac{3c+6}{5b}$

$$10. N = -\frac{TR}{4} - \frac{7}{4}$$

**Document No. EQS8073**

- $t = -3v + x$
- $N = -\frac{7T}{3} - \frac{8R}{3}$
- $x = \frac{3v}{4}t$
- $P = \frac{8Q}{3}R - 3$
- $v = \frac{xt}{2} + \frac{3}{8}$
- $a = -\frac{b(9c+2)}{b+9}$
- $x = \frac{yz}{3} - 1$
- $c = \frac{-b+7}{4a}$
- $u = -\frac{9t}{5} + \frac{1}{5}$
- $x = \frac{7y}{5}z - \frac{3}{5}$

**Document No. EQS8074**

- $T = \frac{4R}{3} + \frac{2N}{3}$
- $v = -\frac{2x(4t+3)}{x+6}$
- $x = \frac{3y}{2}z$
- $a = -c - \frac{9}{7}$
- $Q = R + \frac{P}{2}$
- $v = \frac{5t}{3} - 3x$
- $x = -\frac{7y}{3}z - \frac{5}{3}$
- $y = \frac{x}{2} - \frac{3z}{2}$
- $x = -\frac{7y}{3} + \frac{5z}{3}$
- $v = -xt - \frac{7}{2}$

**Document No. EQS8075**

- $a = \frac{3c}{2}b$
- $t = -su$
- $x = -\frac{2y}{3} - \frac{z}{2}$
- $u = -\frac{4s}{5} - \frac{7t}{5}$
- $P = \frac{Q(3R-5)}{Q+3}$
- $x = \frac{6y}{7} - \frac{4}{7}$
- $t = -\frac{3x}{4}v$
- $u = \frac{5s}{3}t$
- $x = 3yz$
- $N = -TR$

**Document No. EQS8076**

- $P = \frac{Q}{4R}$
- $u = -\frac{5s}{8} - \frac{7}{8}$
- $a = c - \frac{5}{6}$
- $y = \frac{3x}{7} + \frac{9}{7}$
- $p = \frac{3r+3}{2q}$
- $x = \frac{1}{5z}(-8y + z(y - 8))$

7.  $N = -\frac{T}{2} - \frac{R}{3}$
8.  $T = 2NR + \frac{5}{4}$
9.  $v = -2x + t$
10.  $N = \frac{3R}{7} + \frac{8}{7}$

**Document No. EQS8077**

1.  $x = 2y - 1$
2.  $R = -\frac{8T}{7}N + \frac{3}{7}$
3.  $N = -\frac{6R}{7} + \frac{9}{7}$
4.  $r = -\frac{1}{3p}(9q + p(q + 8))$
5.  $R = \frac{7P}{5} + \frac{Q}{5}$
6.  $x = -\frac{9y}{7} + \frac{5}{7}$
7.  $c = -\frac{3a}{2}b$
8.  $c = \frac{1}{2b}(6a + b(a - 3))$
9.  $x = -\frac{yz}{2} + \frac{1}{3}$
10.  $x = yz$

**Document No. EQS8078**

1.  $P = -R + \frac{9R}{Q} - 6$
2.  $R = \frac{NT}{2} + \frac{4}{3}$
3.  $u = \frac{s(t-2)}{s+6}$
4.  $c = 3b - \frac{9}{2}$
5.  $p = \frac{4r}{3} - \frac{2q}{3}$
6.  $y = -\frac{9x}{2z}$
7.  $x = -\frac{9v}{7} - \frac{8}{7}$
8.  $p = -\frac{2q}{9}r - \frac{2}{3}$
9.  $x = -\frac{7t}{2} - 1$
10.  $x = \frac{y}{7} - \frac{8}{7}$

**Document No. EQS8079**

1.  $p = \frac{r}{2} + 2$
2.  $x = 9y - 2z$
3.  $y = -\frac{x}{4z}$
4.  $R = \frac{1}{4P}(-8Q + 9)$
5.  $p = 2q + \frac{9r}{2}$
6.  $s = \frac{9t}{2} - \frac{3}{2}$
7.  $N = \frac{3T}{T-3}(-3R + 2)$
8.  $b = -\frac{9a}{8} + \frac{5}{8}$
9.  $s = -\frac{u+2}{8t}$
10.  $y = -\frac{4x}{9z}$

**Document No. EQS8080**

1.  $P = -\frac{5Q}{6} + \frac{4R}{3}$
2.  $s = -\frac{7t}{6} + \frac{3u}{2}$
3.  $r = -\frac{5q}{9} + \frac{1}{3}$
4.  $R = P - \frac{5}{9}$

5.  $y = -\frac{5x}{6} - \frac{5z}{6}$
6.  $x = -\frac{2t}{5} - \frac{4v}{5}$
7.  $y = -\frac{5x}{8} + \frac{5z}{8}$
8.  $q = \frac{5r}{3} + 2p$
9.  $x = \frac{7y}{4} + \frac{9}{4}$
10.  $x = -2y - \frac{1}{2}$

**Document No. EQS8081**

1.  $P = \frac{1}{9Q}(-5R + 3)$
2.  $r = \frac{2p}{3}q$
3.  $x = -\frac{5y}{3} - \frac{5z}{3}$
4.  $t = \frac{5x}{7} + \frac{4v}{7}$
5.  $t = \frac{x(4v-3)}{x+5}$
6.  $y = \frac{3x-5}{6z}$
7.  $u = -\frac{s(9t+8)}{s+8}$
8.  $R = \frac{PQ}{2} + \frac{7}{6}$
9.  $x = -\frac{8y}{7} + \frac{8z}{7}$
10.  $p = -q + r$

**Document No. EQS8082**

1.  $T = \frac{2N}{3} - \frac{4R}{3}$
2.  $b = \frac{8c-8}{7a}$
3.  $c = -\frac{7b}{6} + \frac{7}{6}$
4.  $p = \frac{1}{r}\left(q - \frac{6}{5}\right)$
5.  $Q = \frac{R}{4P}$
6.  $c = 2ab + \frac{7}{2}$
7.  $p = -\frac{2q}{9} + \frac{1}{3}$
8.  $y = -\frac{8x}{7} - \frac{6}{7}$
9.  $y = -\frac{x}{2z}$
10.  $a = \frac{8b}{9} + \frac{2}{3}$

**Document No. EQS8083**

1.  $x = -\frac{5y}{8} - \frac{3z}{8}$
2.  $b = -\frac{3a}{8} + \frac{c}{8}$
3.  $R = \frac{2Q}{3} - \frac{P}{3}$
4.  $R = \frac{P+7}{8Q}$
5.  $u = -\frac{st}{2}$
6.  $x = -\frac{8v}{7} + \frac{9t}{7}$
7.  $r = \frac{6p(q-1)}{p+9}$
8.  $N = -\frac{T}{6} + \frac{7}{6}$
9.  $T = \frac{2R(3N-2)}{R-1}$
10.  $b = \frac{5a}{2}c$

**Document No. EQS8084**

1.  $p = -\frac{7q}{6} + \frac{5}{6}$

2.  $p = -r + \frac{3q}{4}$
3.  $T = -\frac{N(4R+5)}{N-3}$
4.  $v = \frac{3x+4}{2t}$
5.  $s = \frac{4u}{3}t$
6.  $t = \frac{9x}{2} - \frac{9v}{2}$
7.  $b = 2ca - 9$
8.  $R = -\frac{4T}{3}N$
9.  $x = \frac{-v+3}{5t}$
10.  $T = \frac{R}{2} + \frac{5}{4}$

**Document No. EQS8085**

1.  $T = \frac{3R}{R+4}(-3N + 1)$
2.  $y = x - 3$
3.  $R = \frac{PQ}{8} - \frac{1}{4}$
4.  $N = -\frac{1}{3R}(T + R(T + 5))$
5.  $Q = \frac{P}{2} - 2R$
6.  $P = -3Q - 2R$
7.  $T = \frac{N+3}{4R}$
8.  $y = \frac{x}{3} + \frac{5}{9}$
9.  $y = \frac{2x+5}{7z}$
10.  $x = -\frac{3y}{2} - \frac{3}{2}$

**Document No. EQS8086**

1.  $t = \frac{2u(s-1)}{u+6}$
2.  $N = -\frac{R}{5T}$
3.  $u = -\frac{1}{6t}(s + t(s + 2))$
4.  $c = \frac{-b+4}{6a}$
5.  $y = -\frac{4x+1}{9z}$
6.  $x = -y - \frac{3}{2}$
7.  $b = \frac{8a}{9} - \frac{2c}{9}$
8.  $b = -\frac{4c}{3a}$
9.  $b = \frac{a(-3c+5)}{a+1}$
10.  $y = \frac{1}{z}(x - \frac{7}{9})$

**Document No. EQS8087**

1.  $t = \frac{s(3u-8)}{s-6}$
2.  $u = -\frac{2t}{5} - \frac{4}{5}$
3.  $x = \frac{1}{6z}(-7y + z(y - 3))$
4.  $p = -9rq + 3$
5.  $x = -\frac{y}{4} + \frac{y}{z} - \frac{3}{4}$
6.  $c = -\frac{2b}{7}a$
7.  $y = \frac{4x}{3z}$
8.  $y = -\frac{3x}{2z}$
9.  $x = \frac{tv}{4} + \frac{9}{4}$
10.  $r = \frac{p(-5q+4)}{p-4}$

**Document No. EQS8088**

1.  $s = -\frac{t(u+4)}{t-9}$
2.  $P = \frac{1}{3Q}(-7R + Q(R + 7))$
3.  $x = \frac{y}{6} + \frac{1}{3}$
4.  $y = \frac{5x}{8} - \frac{3z}{8}$
5.  $y = \frac{8x+4}{9z}$
6.  $q = \frac{5r}{3p}$
7.  $y = -6x - 6$
8.  $Q = R + 1$
9.  $c = -\frac{3b}{4} - \frac{a}{2}$
10.  $x = -\frac{5y}{3} + \frac{4}{3}$

**Document No. EQS8089**

1.  $R = \frac{1}{4Q}(6P + Q(P - 7))$
2.  $u = st$
3.  $P = \frac{Q(4R+9)}{Q-9}$
4.  $r = \frac{q}{2} - \frac{3p}{2}$
5.  $N = T + \frac{9R}{4}$
6.  $r = 2q + 3p$
7.  $t = -\frac{3s}{2} + 4u$
8.  $v = -\frac{8x}{7} - \frac{5}{7}$
9.  $x = 8t + 6$
10.  $q = \frac{6p}{7}r - \frac{3}{7}$

**Document No. EQS8090**

1.  $s = \frac{1}{6t}(-5u + t(-u + 5))$
2.  $T = -\frac{8R}{9}N$
3.  $T = \frac{R(-N+6)}{R+3}$
4.  $p = \frac{qr}{2}$
5.  $t = \frac{3x}{8} + \frac{1}{4}$
6.  $q = -\frac{2p+4}{3r}$
7.  $b = -ca - 3$
8.  $P = \frac{4R}{3Q}$
9.  $x = -\frac{2y}{3} - \frac{7z}{9}$
10.  $x = -\frac{3v}{2}t$

**Document No. EQS8091**

1.  $R = \frac{1}{T}(-N + \frac{T}{3}(N - 7))$
2.  $T = \frac{1}{8N}(3R + N(-R + 9))$
3.  $y = -\frac{4x}{3} - 1$
4.  $v = \frac{7x}{5} + \frac{7}{5}$
5.  $Q = \frac{7r}{3} - 2$
6.  $q = -\frac{7r}{3}p + 1$
7.  $s = -\frac{3t}{4} + \frac{1}{8}$
8.  $v = \frac{2x}{t}$



$$9. q = \frac{r(-8p+9)}{r+3}$$

$$10. b = 3a + 2$$

### Document No. EQS8092

$$1. s = \frac{1}{8u}(-t + u(t + 8))$$

$$2. R = -\frac{5N}{9}T + \frac{8}{9}$$

$$3. N = -\frac{2R}{3}T$$

$$4. R = -\frac{2T}{3} - \frac{3}{2}$$

$$5. R = -\frac{T(9N+7)}{T+6}$$

$$6. t = \frac{4u}{7} - \frac{2s}{7}$$

$$7. x = \frac{3y}{2} + \frac{7z}{6}$$

$$8. t = -\frac{8u}{3} - 3s$$

$$9. b = \frac{9a}{4}c$$

$$10. r = \frac{3p}{4}q$$

### Document No. EQS8093

$$1. p = \frac{3r}{5} - \frac{4q}{5}$$

$$2. N = -\frac{3R}{7}T + \frac{6}{7}$$

$$3. a = -\frac{3b}{5}$$

$$4. v = -\frac{6t}{5x}$$

$$5. P = \frac{Q}{R-2}$$

$$6. s = \frac{6u-2}{3t}$$

$$7. T = \frac{R}{3N}$$

$$8. p = -\frac{2r(2q+3)}{r+9}$$

$$9. x = \frac{5y}{4} - \frac{9z}{4}$$

$$10. y = \frac{3z(3x-1)}{z-8}$$

### Document No. EQS8094

$$1. y = -\frac{9x}{7} - \frac{3}{7}$$

$$2. P = \frac{RQ}{8}$$

$$3. b = -\frac{7a}{2}c + \frac{1}{2}$$

$$4. t = \frac{1}{6u}(5s + u(s - 8))$$

$$5. v = \frac{t(-x+5)}{t+1}$$

$$6. b = -\frac{a(4c+5)}{a+9}$$

$$7. y = -\frac{2x}{9} - 1$$

$$8. p = \frac{2q}{3}r$$

$$9. q = -\frac{5r+6}{2p}$$

$$10. x = 2y - 6z$$

### Document No. EQS8095

$$1. x = \frac{8y}{9}z$$

$$2. c = \frac{a}{2} - \frac{3b}{2}$$

$$3. t = \frac{5u}{8} + \frac{3}{8}$$

$$4. R = \frac{P(-6Q+5)}{P+9}$$

$$5. x = \frac{y}{9} + \frac{2}{3}$$

$$6. x = -7v + 5$$

$$7. u = -\frac{t}{2} - \frac{1}{3}$$

$$8. p = -\frac{8r}{9} - q$$

$$9. x = -y + \frac{3y}{z} + 9$$

$$10. y = -\frac{5x}{2} + \frac{z}{2}$$

### Document No. EQS8096

$$1. r = \frac{1}{7p}(-8q + 3)$$

$$2. x = -\frac{yz}{2}$$

$$3. x = \frac{5t}{8} - \frac{v}{4}$$

$$4. x = -3y - \frac{4z}{3}$$

$$5. s = -u - 2$$

$$6. R = \frac{9N}{4T}$$

$$7. v = \frac{1}{3t}(-9x + 2)$$

$$8. p = -\frac{5r}{6} + \frac{q}{3}$$

$$9. x = -\frac{7v}{6}t - \frac{4}{3}$$

$$10. x = tv + \frac{1}{7}$$

### Document No. EQS8097

$$1. u = \frac{3t}{5} - \frac{9}{5}$$

$$2. t = \frac{1}{3u}(5s + u(s - 9))$$

$$3. y = -\frac{3x+7}{6z}$$

$$4. x = \frac{1}{2z}(9y - z(y + 4))$$

$$5. t = \frac{7x}{9} + \frac{2}{3}$$

$$6. R = -\frac{T}{7N}$$

$$7. P = \frac{4R+1}{2Q}$$

$$8. y = \frac{2x}{7} - \frac{z}{7}$$

$$9. x = 4y + \frac{3z}{2}$$

$$10. b = -ca$$

### Document No. EQS8098

$$1. x = -\frac{7y}{8} - \frac{z}{8}$$

$$2. p = \frac{1}{4q}(6r + q(r - 5))$$

$$3. x = -\frac{3t}{2b}$$

$$4. a = \frac{6c-2}{5b}$$

$$5. t = -\frac{3x}{2} - \frac{3}{4}$$

$$6. x = -y - \frac{y}{z} + 7$$

$$7. a = \frac{7b}{3} - \frac{5c}{3}$$

$$8. t = -x - \frac{6v}{7}$$

$$9. R = -\frac{5P}{9} - \frac{8Q}{9}$$

$$10. x = \frac{3t}{2v}$$

### Document No. EQS8099

$$1. q = -\frac{r}{2} - \frac{3}{2}$$

$$2. r = -p + \frac{8}{9}$$

$$3. p = \frac{3q(3r+1)}{q-7}$$

4.  $b = -\frac{ca}{6}$
5.  $r = \frac{3p}{7} - \frac{5q}{7}$
6.  $x = 5yz - 1$
7.  $x = -\frac{2t}{v}$
8.  $t = -\frac{4s}{3}u$
9.  $u = \frac{5s}{4} - \frac{5}{4}$
10.  $u = -2t - \frac{s}{2}$

**Document No. EQS8100**

1.  $y = -\frac{2x}{5} + \frac{9z}{5}$
2.  $q = -\frac{5r}{9} + \frac{7}{9}$
3.  $Q = \frac{4R}{3} + \frac{8P}{3}$
4.  $s = \frac{4u}{3} - 2t$
5.  $T = -\frac{2R}{7}N - \frac{2}{7}$
6.  $b = \frac{1}{c} \left( a + \frac{c}{4} (-a + 9) \right)$
7.  $P = -\frac{3R}{Q}$
8.  $N = -\frac{7T}{8} - \frac{7R}{8}$
9.  $b = \frac{a(4c-9)}{a+6}$
10.  $R = -\frac{3Q}{2}P$