

Calculate and simplify.

Document No.SQQ11001

1.  $(\sqrt{10} \cdot \sqrt{9})^2 =$

7.  $\left(\frac{\sqrt{7}}{\sqrt{4}}\right)^2 =$

2.  $(\sqrt{12} \cdot \sqrt{7})^2 =$

8.  $(\sqrt{5} - \sqrt{8})^2 =$

3.  $(\sqrt{11} \cdot \sqrt{12})^2 =$

9.  $\sqrt{490} + \sqrt{1440} =$

4.  $\left(\frac{\sqrt{10}}{\sqrt{2}}\right)^2 =$

10.  $\frac{\sqrt{28}}{\sqrt{14}} =$

5.  $(\sqrt{7} \cdot \sqrt{12})^2 =$

11.  $\sqrt{720} + \sqrt{500} =$

6.  $(\sqrt{4} \cdot \sqrt{10})^2 =$

12.  $\sqrt{1210} - \sqrt{40} =$

Calculate and simplify.

Document No.SQQ11002

1.  $\sqrt{80} \cdot \sqrt{50} =$

7.  $\left(\frac{\sqrt{3}}{\sqrt{10}}\right)^2 =$

2.  $\frac{\sqrt{18}}{\sqrt{6}} =$

8.  $(\sqrt{9} \cdot \sqrt{5})^2 =$

3.  $\sqrt{27} \cdot \sqrt{12} =$

9.  $(\sqrt{3} \cdot \sqrt{5})^2 =$

4.  $(\sqrt{2} \cdot \sqrt{6})^2 =$

10.  $\sqrt{80} + \sqrt{500} =$

5.  $(\sqrt{7} + \sqrt{12})^2 =$

11.  $\frac{\sqrt{40}}{\sqrt{120}} =$

6.  $(\sqrt{7} + \sqrt{11})^2 =$

12.  $\left(\frac{\sqrt{10}}{\sqrt{3}}\right)^2 =$

Calculate and simplify.

Document No.SQQ11003

1.  $\sqrt{50} \cdot \sqrt{30} =$

7.  $\frac{\sqrt{8}}{\sqrt{4}} =$

2.  $\sqrt{320} - \sqrt{20} =$

8.  $\frac{\sqrt{24}}{\sqrt{6}} =$

3.  $(\sqrt{4} + \sqrt{8})^2 =$

9.  $(\sqrt{4} \cdot \sqrt{6})^2 =$

4.  $\sqrt{4} \cdot \sqrt{12} =$

10.  $\frac{\sqrt{66}}{\sqrt{132}} =$

5.  $\sqrt{24} \cdot \sqrt{12} =$

11.  $(\sqrt{2} \cdot \sqrt{5})^2 =$

6.  $\sqrt{35} \cdot \sqrt{28} =$

12.  $\frac{\sqrt{30}}{\sqrt{90}} =$

Calculate and simplify.

Document No.SQQ11004

1.  $(\sqrt{3} \cdot \sqrt{2})^2 =$

7.  $\sqrt{63} - \sqrt{175} =$

2.  $\sqrt{1210} + \sqrt{640} =$

8.  $\frac{\sqrt{36}}{\sqrt{15}} =$

3.  $\sqrt{99} - \sqrt{1584} =$

9.  $\left(\frac{\sqrt{7}}{\sqrt{2}}\right)^2 =$

4.  $(\sqrt{3} - \sqrt{11})^2 =$

10.  $(\sqrt{11} - \sqrt{12})^2 =$

5.  $\sqrt{30} \cdot \sqrt{60} =$

11.  $(\sqrt{9} + \sqrt{3})^2 =$

6.  $(\sqrt{3} \cdot \sqrt{9})^2 =$

12.  $\sqrt{2016} + \sqrt{224} =$

Calculate and simplify.

Document No.SQQ11005

1.  $\sqrt{50} + \sqrt{98} =$

7.  $\sqrt{704} - \sqrt{891} =$

2.  $\sqrt{40} \cdot \sqrt{45} =$

8.  $\left(\frac{\sqrt{4}}{\sqrt{9}}\right)^2 =$

3.  $\sqrt{35} \cdot \sqrt{40} =$

9.  $(\sqrt{12} + \sqrt{2})^2 =$

4.  $\sqrt{49} \cdot \sqrt{14} =$

10.  $(\sqrt{7} \cdot \sqrt{6})^2 =$

5.  $\sqrt{15} \cdot \sqrt{24} =$

11.  $\sqrt{16} \cdot \sqrt{14} =$

6.  $(\sqrt{10} \cdot \sqrt{4})^2 =$

12.  $\frac{\sqrt{77}}{\sqrt{99}} =$

Calculate and simplify.

Document No.SQQ11006

1.  $(\sqrt{7} - \sqrt{2})^2 =$

7.  $\sqrt{48} \cdot \sqrt{12} =$

2.  $\frac{\sqrt{30}}{\sqrt{24}} =$

8.  $\sqrt{27} \cdot \sqrt{18} =$

3.  $(\sqrt{8} \cdot \sqrt{4})^2 =$

9.  $(\sqrt{12} \cdot \sqrt{8})^2 =$

4.  $\sqrt{891} + \sqrt{99} =$

10.  $\sqrt{125} + \sqrt{20} =$

5.  $(\sqrt{3} - \sqrt{4})^2 =$

11.  $\frac{\sqrt{12}}{\sqrt{18}} =$

6.  $(\sqrt{6} \cdot \sqrt{7})^2 =$

12.  $\frac{\sqrt{14}}{\sqrt{42}} =$

Calculate and simplify.

Document No.SQQ11007

1.  $\left(\frac{\sqrt{12}}{\sqrt{3}}\right)^2 =$

7.  $(\sqrt{7} \cdot \sqrt{12})^2 =$

2.  $\sqrt{16} \cdot \sqrt{24} =$

8.  $\left(\frac{\sqrt{12}}{\sqrt{10}}\right)^2 =$

3.  $(\sqrt{5} + \sqrt{3})^2 =$

9.  $(\sqrt{8} \cdot \sqrt{6})^2 =$

4.  $\sqrt{242} - \sqrt{50} =$

10.  $\frac{\sqrt{84}}{\sqrt{63}} =$

5.  $\sqrt{192} + \sqrt{363} =$

11.  $(\sqrt{6} - \sqrt{2})^2 =$

6.  $\frac{\sqrt{35}}{\sqrt{28}} =$

12.  $\left(\frac{\sqrt{9}}{\sqrt{12}}\right)^2 =$

Calculate and simplify.

Document No.SQQ11008

1.  $(\sqrt{5} + \sqrt{10})^2 =$

7.  $(\sqrt{11} + \sqrt{12})^2 =$

2.  $\frac{\sqrt{24}}{\sqrt{60}} =$

8.  $\sqrt{735} + \sqrt{375} =$

3.  $(\sqrt{10} \cdot \sqrt{4})^2 =$

9.  $(\sqrt{9} \cdot \sqrt{5})^2 =$

4.  $\frac{\sqrt{72}}{\sqrt{60}} =$

10.  $(\sqrt{4} - \sqrt{10})^2 =$

5.  $\sqrt{20} \cdot \sqrt{35} =$

11.  $(\sqrt{8} \cdot \sqrt{9})^2 =$

6.  $\sqrt{40} \cdot \sqrt{10} =$

12.  $\sqrt{20} - \sqrt{405} =$



Calculate and simplify.

Document No.SQQ11009

1.  $(\sqrt{3} - \sqrt{4})^2 =$

7.  $(\sqrt{6} \cdot \sqrt{3})^2 =$

2.  $\frac{\sqrt{84}}{\sqrt{42}} =$

8.  $(\sqrt{11} \cdot \sqrt{10})^2 =$

3.  $(\sqrt{6} + \sqrt{3})^2 =$

9.  $(\sqrt{8} \cdot \sqrt{3})^2 =$

4.  $(\sqrt{8} + \sqrt{3})^2 =$

10.  $\left(\frac{\sqrt{9}}{\sqrt{6}}\right)^2 =$

5.  $\sqrt{99} - \sqrt{704} =$

11.  $(\sqrt{3} \cdot \sqrt{12})^2 =$

6.  $\frac{\sqrt{6}}{\sqrt{9}} =$

12.  $\sqrt{396} - \sqrt{99} =$

Calculate and simplify.

Document No.SQQ11010

1.  $\sqrt{1500} - \sqrt{135} =$

7.  $\left(\frac{\sqrt{5}}{\sqrt{10}}\right)^2 =$

2.  $(\sqrt{10} \cdot \sqrt{6})^2 =$

8.  $\sqrt{72} \cdot \sqrt{12} =$

3.  $\left(\frac{\sqrt{10}}{\sqrt{4}}\right)^2 =$

9.  $\left(\frac{\sqrt{11}}{\sqrt{12}}\right)^2 =$

4.  $(\sqrt{4} - \sqrt{7})^2 =$

10.  $(\sqrt{12} - \sqrt{11})^2 =$

5.  $\sqrt{45} + \sqrt{605} =$

11.  $\left(\frac{\sqrt{5}}{\sqrt{2}}\right)^2 =$

6.  $\left(\frac{\sqrt{10}}{\sqrt{12}}\right)^2 =$

12.  $\sqrt{1694} + \sqrt{126} =$

Calculate and simplify.

Document No.SQQ11011

1.  $(\sqrt{2} - \sqrt{6})^2 =$

7.  $\left(\frac{\sqrt{12}}{\sqrt{11}}\right)^2 =$

2.  $\left(\frac{\sqrt{7}}{\sqrt{10}}\right)^2 =$

8.  $(\sqrt{11} - \sqrt{8})^2 =$

3.  $\sqrt{200} + \sqrt{18} =$

9.  $\sqrt{468} + \sqrt{1872} =$

4.  $\left(\frac{\sqrt{12}}{\sqrt{6}}\right)^2 =$

10.  $\sqrt{10} \cdot \sqrt{18} =$

5.  $\left(\frac{\sqrt{11}}{\sqrt{5}}\right)^2 =$

11.  $\sqrt{18} \cdot \sqrt{15} =$

6.  $\sqrt{112} + \sqrt{567} =$

12.  $\sqrt{90} - \sqrt{160} =$

Calculate and simplify.

Document No.SQQ11012

1.  $(\sqrt{5} \cdot \sqrt{4})^2 =$

7.  $\sqrt{98} + \sqrt{32} =$

2.  $\sqrt{405} - \sqrt{180} =$

8.  $\sqrt{12} - \sqrt{75} =$

3.  $(\sqrt{3} + \sqrt{12})^2 =$

9.  $\sqrt{2160} + \sqrt{960} =$

4.  $\sqrt{810} - \sqrt{40} =$

10.  $\sqrt{56} - \sqrt{1134} =$

5.  $\left(\frac{\sqrt{12}}{\sqrt{4}}\right)^2 =$

11.  $\sqrt{128} + \sqrt{50} =$

6.  $\left(\frac{\sqrt{9}}{\sqrt{8}}\right)^2 =$

12.  $(\sqrt{8} + \sqrt{10})^2 =$

Calculate and simplify.

Document No.SQQ11013

1.  $\sqrt{240} + \sqrt{1815} =$

7.  $\left(\frac{\sqrt{9}}{\sqrt{11}}\right)^2 =$

2.  $(\sqrt{4} - \sqrt{11})^2 =$

8.  $\sqrt{77} \cdot \sqrt{99} =$

3.  $\sqrt{66} \cdot \sqrt{77} =$

9.  $(\sqrt{3} - \sqrt{5})^2 =$

4.  $\sqrt{50} \cdot \sqrt{10} =$

10.  $\sqrt{33} \cdot \sqrt{15} =$

5.  $\sqrt{432} + \sqrt{300} =$

11.  $\left(\frac{\sqrt{12}}{\sqrt{5}}\right)^2 =$

6.  $(\sqrt{7} \cdot \sqrt{5})^2 =$

12.  $\sqrt{66} \cdot \sqrt{22} =$

Calculate and simplify.

Document No.SQQ11014

1.  $\left(\frac{\sqrt{6}}{\sqrt{11}}\right)^2 =$

7.  $(\sqrt{8} \cdot \sqrt{7})^2 =$

2.  $\sqrt{60} + \sqrt{240} =$

8.  $(\sqrt{5} \cdot \sqrt{8})^2 =$

3.  $\sqrt{1872} + \sqrt{832} =$

9.  $(\sqrt{6} - \sqrt{4})^2 =$

4.  $\left(\frac{\sqrt{9}}{\sqrt{6}}\right)^2 =$

10.  $\frac{\sqrt{14}}{\sqrt{10}} =$

5.  $(\sqrt{7} + \sqrt{9})^2 =$

11.  $\frac{\sqrt{42}}{\sqrt{77}} =$

6.  $\sqrt{27} \cdot \sqrt{36} =$

12.  $\sqrt{960} - \sqrt{1500} =$

Calculate and simplify.

Document No.SQQ11015

1.  $\sqrt{396} - \sqrt{891} =$

7.  $(\sqrt{2} \cdot \sqrt{6})^2 =$

2.  $\frac{\sqrt{40}}{\sqrt{100}} =$

8.  $\sqrt{75} - \sqrt{432} =$

3.  $\sqrt{240} - \sqrt{960} =$

9.  $\sqrt{90} - \sqrt{1210} =$

4.  $(\sqrt{12} \cdot \sqrt{8})^2 =$

10.  $\sqrt{250} - \sqrt{360} =$

5.  $(\sqrt{9} - \sqrt{7})^2 =$

11.  $\sqrt{10} \cdot \sqrt{60} =$

6.  $\sqrt{128} - \sqrt{72} =$

12.  $\frac{\sqrt{54}}{\sqrt{18}} =$

Calculate and simplify.

Document No.SQQ11016

1.  $\frac{\sqrt{9}}{\sqrt{12}} =$

7.  $\left(\frac{\sqrt{5}}{\sqrt{10}}\right)^2 =$

2.  $(\sqrt{7} + \sqrt{8})^2 =$

8.  $\sqrt{35} \cdot \sqrt{84} =$

3.  $\left(\frac{\sqrt{9}}{\sqrt{12}}\right)^2 =$

9.  $(\sqrt{3} \cdot \sqrt{7})^2 =$

4.  $(\sqrt{3} \cdot \sqrt{4})^2 =$

10.  $(\sqrt{10} \cdot \sqrt{11})^2 =$

5.  $\sqrt{120} \cdot \sqrt{100} =$

11.  $(\sqrt{11} \cdot \sqrt{4})^2 =$

6.  $\left(\frac{\sqrt{6}}{\sqrt{8}}\right)^2 =$

12.  $\sqrt{24} \cdot \sqrt{54} =$



Calculate and simplify.

Document No.SQQ11017

1.  $(\sqrt{3} \cdot \sqrt{9})^2 =$

7.  $(\sqrt{6} + \sqrt{4})^2 =$

2.  $(\sqrt{3} - \sqrt{8})^2 =$

8.  $(\sqrt{6} - \sqrt{2})^2 =$

3.  $(\sqrt{9} - \sqrt{2})^2 =$

9.  $(\sqrt{6} \cdot \sqrt{8})^2 =$

4.  $(\sqrt{11} - \sqrt{3})^2 =$

10.  $\frac{\sqrt{40}}{\sqrt{50}} =$

5.  $\sqrt{14} \cdot \sqrt{63} =$

11.  $\frac{\sqrt{15}}{\sqrt{45}} =$

6.  $\sqrt{88} \cdot \sqrt{121} =$

12.  $\left(\frac{\sqrt{3}}{\sqrt{5}}\right)^2 =$

Calculate and simplify.

Document No.SQQ11018

1.  $(\sqrt{6} + \sqrt{9})^2 =$

7.  $(\sqrt{8} \cdot \sqrt{5})^2 =$

2.  $(\sqrt{7} + \sqrt{9})^2 =$

8.  $\left(\frac{\sqrt{7}}{\sqrt{9}}\right)^2 =$

3.  $\frac{\sqrt{24}}{\sqrt{16}} =$

9.  $\frac{\sqrt{55}}{\sqrt{66}} =$

4.  $(\sqrt{9} - \sqrt{6})^2 =$

10.  $(\sqrt{3} - \sqrt{9})^2 =$

5.  $\sqrt{6} \cdot \sqrt{18} =$

11.  $(\sqrt{6} - \sqrt{12})^2 =$

6.  $\frac{\sqrt{56}}{\sqrt{63}} =$

12.  $(\sqrt{6} + \sqrt{4})^2 =$

Calculate and simplify.

Document No.SQQ11019

1.  $\sqrt{896} + \sqrt{1694} =$

7.  $\frac{\sqrt{54}}{\sqrt{24}} =$

2.  $\sqrt{504} - \sqrt{56} =$

8.  $(\sqrt{10} - \sqrt{5})^2 =$

3.  $\sqrt{432} - \sqrt{75} =$

9.  $\sqrt{150} + \sqrt{726} =$

4.  $\sqrt{252} + \sqrt{1008} =$

10.  $\sqrt{539} - \sqrt{1584} =$

5.  $\frac{\sqrt{121}}{\sqrt{66}} =$

11.  $\left(\frac{\sqrt{12}}{\sqrt{3}}\right)^2 =$

6.  $(\sqrt{9} + \sqrt{2})^2 =$

12.  $\left(\frac{\sqrt{12}}{\sqrt{3}}\right)^2 =$

Calculate and simplify.

Document No.SQQ11020

1.  $\sqrt{1210} - \sqrt{90} =$

7.  $\sqrt{242} - \sqrt{200} =$

2.  $(\sqrt{8} - \sqrt{12})^2 =$

8.  $\sqrt{405} + \sqrt{80} =$

3.  $\left(\frac{\sqrt{12}}{\sqrt{3}}\right)^2 =$

9.  $\left(\frac{\sqrt{4}}{\sqrt{10}}\right)^2 =$

4.  $\sqrt{99} - \sqrt{704} =$

10.  $\sqrt{56} - \sqrt{126} =$

5.  $(\sqrt{4} - \sqrt{9})^2 =$

11.  $(\sqrt{10} + \sqrt{4})^2 =$

6.  $(\sqrt{4} \cdot \sqrt{7})^2 =$

12.  $(\sqrt{11} + \sqrt{8})^2 =$

Calculate and simplify.

Document No.SQQ11021

1.  $(\sqrt{3} + \sqrt{8})^2 =$

7.  $\sqrt{6} \cdot \sqrt{27} =$

2.  $\frac{\sqrt{8}}{\sqrt{16}} =$

8.  $\left(\frac{\sqrt{11}}{\sqrt{7}}\right)^2 =$

3.  $\left(\frac{\sqrt{10}}{\sqrt{5}}\right)^2 =$

9.  $(\sqrt{12} \cdot \sqrt{4})^2 =$

4.  $\sqrt{66} \cdot \sqrt{132} =$

10.  $(\sqrt{4} + \sqrt{2})^2 =$

5.  $\sqrt{20} + \sqrt{405} =$

11.  $(\sqrt{12} - \sqrt{5})^2 =$

6.  $(\sqrt{10} \cdot \sqrt{7})^2 =$

12.  $\frac{\sqrt{14}}{\sqrt{18}} =$

Calculate and simplify.

Document No.SQQ11022

1.  $\sqrt{12} \cdot \sqrt{36} =$

7.  $(\sqrt{2} + \sqrt{4})^2 =$

2.  $\sqrt{99} + \sqrt{891} =$

8.  $\sqrt{84} \cdot \sqrt{63} =$

3.  $(\sqrt{12} \cdot \sqrt{11})^2 =$

9.  $\sqrt{384} + \sqrt{54} =$

4.  $(\sqrt{7} - \sqrt{5})^2 =$

10.  $(\sqrt{8} - \sqrt{9})^2 =$

5.  $(\sqrt{8} - \sqrt{4})^2 =$

11.  $(\sqrt{7} + \sqrt{10})^2 =$

6.  $\sqrt{112} - \sqrt{700} =$

12.  $\sqrt{135} + \sqrt{1215} =$

Calculate and simplify.

Document No.SQQ11023

1.  $(\sqrt{9} - \sqrt{6})^2 =$

7.  $\left(\frac{\sqrt{9}}{\sqrt{6}}\right)^2 =$

2.  $\sqrt{2160} + \sqrt{1215} =$

8.  $\sqrt{208} + \sqrt{52} =$

3.  $\frac{\sqrt{4}}{\sqrt{6}} =$

9.  $\sqrt{300} + \sqrt{243} =$

4.  $(\sqrt{3} + \sqrt{7})^2 =$

10.  $(\sqrt{4} + \sqrt{2})^2 =$

5.  $(\sqrt{12} \cdot \sqrt{3})^2 =$

11.  $\sqrt{18} \cdot \sqrt{33} =$

6.  $(\sqrt{6} + \sqrt{4})^2 =$

12.  $(\sqrt{3} - \sqrt{10})^2 =$

Calculate and simplify.

Document No.SQQ11024

1.  $\sqrt{726} + \sqrt{54} =$

7.  $\left(\frac{\sqrt{4}}{\sqrt{3}}\right)^2 =$

2.  $(\sqrt{8} + \sqrt{6})^2 =$

8.  $(\sqrt{10} - \sqrt{12})^2 =$

3.  $(\sqrt{7} - \sqrt{5})^2 =$

9.  $\frac{\sqrt{33}}{\sqrt{132}} =$

4.  $\left(\frac{\sqrt{10}}{\sqrt{5}}\right)^2 =$

10.  $(\sqrt{10} + \sqrt{5})^2 =$

5.  $\frac{\sqrt{18}}{\sqrt{72}} =$

11.  $(\sqrt{4} + \sqrt{6})^2 =$

6.  $\sqrt{162} - \sqrt{200} =$

12.  $\frac{\sqrt{48}}{\sqrt{42}} =$



Calculate and simplify.

Document No.SQQ11025

1.  $\left(\frac{\sqrt{10}}{\sqrt{9}}\right)^2 =$

7.  $\sqrt{1573} - \sqrt{117} =$

2.  $\sqrt{147} - \sqrt{300} =$

8.  $\sqrt{1500} + \sqrt{1215} =$

3.  $\sqrt{10} \cdot \sqrt{35} =$

9.  $\sqrt{27} \cdot \sqrt{36} =$

4.  $\frac{\sqrt{20}}{\sqrt{120}} =$

10.  $\frac{\sqrt{121}}{\sqrt{55}} =$

5.  $\frac{\sqrt{33}}{\sqrt{12}} =$

11.  $\frac{\sqrt{48}}{\sqrt{30}} =$

6.  $\left(\frac{\sqrt{6}}{\sqrt{12}}\right)^2 =$

12.  $\sqrt{45} + \sqrt{320} =$

Calculate and simplify.

Document No.SQQ11026

1.  $\sqrt{320} + \sqrt{245} =$

7.  $\sqrt{700} - \sqrt{175} =$

2.  $\frac{\sqrt{36}}{\sqrt{30}} =$

8.  $\left(\frac{\sqrt{12}}{\sqrt{10}}\right)^2 =$

3.  $\left(\frac{\sqrt{10}}{\sqrt{5}}\right)^2 =$

9.  $\sqrt{100} \cdot \sqrt{60} =$

4.  $\sqrt{15} \cdot \sqrt{18} =$

10.  $(\sqrt{11} \cdot \sqrt{2})^2 =$

5.  $(\sqrt{6} - \sqrt{3})^2 =$

11.  $\sqrt{49} \cdot \sqrt{14} =$

6.  $\frac{\sqrt{132}}{\sqrt{33}} =$

12.  $\sqrt{1008} + \sqrt{448} =$

Calculate and simplify.

Document No.SQQ11027

1.  $(\sqrt{5} \cdot \sqrt{4})^2 =$

7.  $\left(\frac{\sqrt{11}}{\sqrt{10}}\right)^2 =$

2.  $(\sqrt{5} + \sqrt{6})^2 =$

8.  $\sqrt{700} - \sqrt{28} =$

3.  $\left(\frac{\sqrt{11}}{\sqrt{2}}\right)^2 =$

9.  $(\sqrt{4} + \sqrt{8})^2 =$

4.  $\left(\frac{\sqrt{3}}{\sqrt{10}}\right)^2 =$

10.  $(\sqrt{4} \cdot \sqrt{8})^2 =$

5.  $(\sqrt{10} - \sqrt{2})^2 =$

11.  $\sqrt{99} - \sqrt{176} =$

6.  $\sqrt{60} \cdot \sqrt{40} =$

12.  $\left(\frac{\sqrt{11}}{\sqrt{10}}\right)^2 =$

Calculate and simplify.

Document No.SQQ11028

1.  $\frac{\sqrt{77}}{\sqrt{49}} =$

7.  $(\sqrt{12} \cdot \sqrt{5})^2 =$

2.  $(\sqrt{4} + \sqrt{11})^2 =$

8.  $(\sqrt{9} - \sqrt{12})^2 =$

3.  $(\sqrt{8} - \sqrt{11})^2 =$

9.  $\frac{\sqrt{44}}{\sqrt{22}} =$

4.  $\sqrt{80} + \sqrt{500} =$

10.  $(\sqrt{8} + \sqrt{7})^2 =$

5.  $\left(\frac{\sqrt{10}}{\sqrt{3}}\right)^2 =$

11.  $(\sqrt{5} + \sqrt{6})^2 =$

6.  $(\sqrt{6} + \sqrt{2})^2 =$

12.  $\sqrt{216} + \sqrt{384} =$

Calculate and simplify.

Document No.SQQ11029

1.  $(\sqrt{12} - \sqrt{10})^2 =$

7.  $(\sqrt{4} + \sqrt{11})^2 =$

2.  $(\sqrt{12} \cdot \sqrt{3})^2 =$

8.  $\frac{\sqrt{8}}{\sqrt{6}} =$

3.  $\frac{\sqrt{50}}{\sqrt{25}} =$

9.  $\sqrt{252} - \sqrt{63} =$

4.  $\frac{\sqrt{30}}{\sqrt{21}} =$

10.  $(\sqrt{3} \cdot \sqrt{8})^2 =$

5.  $\left(\frac{\sqrt{5}}{\sqrt{7}}\right)^2 =$

11.  $\sqrt{891} + \sqrt{396} =$

6.  $\sqrt{22} \cdot \sqrt{33} =$

12.  $\sqrt{99} \cdot \sqrt{88} =$

Calculate and simplify.

Document No.SQQ11030

1.  $\sqrt{896} + \sqrt{56} =$

7.  $\sqrt{504} + \sqrt{126} =$

2.  $(\sqrt{12} + \sqrt{7})^2 =$

8.  $\left(\frac{\sqrt{11}}{\sqrt{4}}\right)^2 =$

3.  $(\sqrt{5} \cdot \sqrt{9})^2 =$

9.  $\sqrt{250} + \sqrt{40} =$

4.  $\sqrt{275} + \sqrt{704} =$

10.  $(\sqrt{5} + \sqrt{11})^2 =$

5.  $(\sqrt{4} \cdot \sqrt{6})^2 =$

11.  $(\sqrt{7} + \sqrt{9})^2 =$

6.  $(\sqrt{10} - \sqrt{9})^2 =$

12.  $\left(\frac{\sqrt{11}}{\sqrt{4}}\right)^2 =$

Calculate and simplify.

Document No.SQQ11031

1.  $(\sqrt{3} + \sqrt{10})^2 =$

7.  $\sqrt{180} + \sqrt{20} =$

2.  $(\sqrt{4} + \sqrt{9})^2 =$

8.  $(\sqrt{6} - \sqrt{4})^2 =$

3.  $(\sqrt{12} \cdot \sqrt{4})^2 =$

9.  $\frac{\sqrt{12}}{\sqrt{22}} =$

4.  $\sqrt{36} \cdot \sqrt{72} =$

10.  $(\sqrt{12} - \sqrt{11})^2 =$

5.  $(\sqrt{2} + \sqrt{6})^2 =$

11.  $\sqrt{320} - \sqrt{125} =$

6.  $\left(\frac{\sqrt{7}}{\sqrt{3}}\right)^2 =$

12.  $(\sqrt{12} \cdot \sqrt{6})^2 =$

Calculate and simplify.

Document No.SQQ11032

1.  $(\sqrt{4} + \sqrt{11})^2 =$

7.  $\left(\frac{\sqrt{8}}{\sqrt{12}}\right)^2 =$

2.  $(\sqrt{4} - \sqrt{3})^2 =$

8.  $\left(\frac{\sqrt{6}}{\sqrt{11}}\right)^2 =$

3.  $(\sqrt{6} \cdot \sqrt{12})^2 =$

9.  $(\sqrt{4} \cdot \sqrt{8})^2 =$

4.  $\sqrt{325} - \sqrt{52} =$

10.  $\left(\frac{\sqrt{4}}{\sqrt{10}}\right)^2 =$

5.  $\left(\frac{\sqrt{8}}{\sqrt{11}}\right)^2 =$

11.  $(\sqrt{2} + \sqrt{5})^2 =$

6.  $\sqrt{24} \cdot \sqrt{36} =$

12.  $\left(\frac{\sqrt{12}}{\sqrt{11}}\right)^2 =$



Calculate and simplify.

Document No.SQQ11033

1.  $\left(\frac{\sqrt{9}}{\sqrt{4}}\right)^2 =$

7.  $(\sqrt{12} + \sqrt{3})^2 =$

2.  $(\sqrt{2} + \sqrt{11})^2 =$

8.  $(\sqrt{2} + \sqrt{10})^2 =$

3.  $(\sqrt{10} \cdot \sqrt{5})^2 =$

9.  $(\sqrt{11} - \sqrt{12})^2 =$

4.  $(\sqrt{10} - \sqrt{4})^2 =$

10.  $(\sqrt{2} + \sqrt{5})^2 =$

5.  $\sqrt{448} - \sqrt{28} =$

11.  $(\sqrt{2} + \sqrt{10})^2 =$

6.  $\left(\frac{\sqrt{2}}{\sqrt{6}}\right)^2 =$

12.  $(\sqrt{3} \cdot \sqrt{9})^2 =$

Calculate and simplify.

Document No.SQQ11034

1.  $\sqrt{704} + \sqrt{275} =$

7.  $\sqrt{30} \cdot \sqrt{36} =$

2.  $\left(\frac{\sqrt{5}}{\sqrt{3}}\right)^2 =$

8.  $\sqrt{24} \cdot \sqrt{18} =$

3.  $(\sqrt{2} + \sqrt{7})^2 =$

9.  $\sqrt{33} \cdot \sqrt{9} =$

4.  $\sqrt{150} - \sqrt{216} =$

10.  $\sqrt{245} - \sqrt{125} =$

5.  $\sqrt{28} - \sqrt{112} =$

11.  $(\sqrt{10} - \sqrt{4})^2 =$

6.  $(\sqrt{6} + \sqrt{12})^2 =$

12.  $(\sqrt{6} \cdot \sqrt{3})^2 =$

Calculate and simplify.

Document No.SQQ11035

1.  $(\sqrt{12} \cdot \sqrt{11})^2 =$

7.  $(\sqrt{11} - \sqrt{9})^2 =$

2.  $\sqrt{20} - \sqrt{245} =$

8.  $\sqrt{63} - \sqrt{448} =$

3.  $\left(\frac{\sqrt{8}}{\sqrt{7}}\right)^2 =$

9.  $(\sqrt{3} - \sqrt{6})^2 =$

4.  $\sqrt{6} \cdot \sqrt{24} =$

10.  $(\sqrt{2} \cdot \sqrt{3})^2 =$

5.  $\sqrt{36} \cdot \sqrt{9} =$

11.  $\left(\frac{\sqrt{8}}{\sqrt{11}}\right)^2 =$

6.  $\sqrt{80} + \sqrt{245} =$

12.  $\sqrt{54} \cdot \sqrt{30} =$

Calculate and simplify.

Document No.SQQ11036

1.  $(\sqrt{9} + \sqrt{7})^2 =$

7.  $\sqrt{18} \cdot \sqrt{14} =$

2.  $(\sqrt{9} + \sqrt{2})^2 =$

8.  $(\sqrt{6} + \sqrt{11})^2 =$

3.  $\frac{\sqrt{18}}{\sqrt{33}} =$

9.  $(\sqrt{10} + \sqrt{9})^2 =$

4.  $\sqrt{288} + \sqrt{128} =$

10.  $\left(\frac{\sqrt{9}}{\sqrt{3}}\right)^2 =$

5.  $\sqrt{32} - \sqrt{98} =$

11.  $(\sqrt{12} - \sqrt{10})^2 =$

6.  $(\sqrt{11} + \sqrt{4})^2 =$

12.  $\sqrt{500} - \sqrt{720} =$

Calculate and simplify.

Document No.SQQ11037

1.  $\left(\frac{\sqrt{2}}{\sqrt{3}}\right)^2 =$

7.  $(\sqrt{4} + \sqrt{11})^2 =$

2.  $\left(\frac{\sqrt{2}}{\sqrt{7}}\right)^2 =$

8.  $\sqrt{960} - \sqrt{135} =$

3.  $\left(\frac{\sqrt{7}}{\sqrt{9}}\right)^2 =$

9.  $\sqrt{54} - \sqrt{294} =$

4.  $(\sqrt{9} - \sqrt{4})^2 =$

10.  $\sqrt{363} + \sqrt{27} =$

5.  $\sqrt{640} - \sqrt{490} =$

11.  $(\sqrt{8} - \sqrt{5})^2 =$

6.  $\frac{\sqrt{15}}{\sqrt{18}} =$

12.  $\sqrt{243} - \sqrt{108} =$

Calculate and simplify.

Document No.SQQ11038

1.  $(\sqrt{12} \cdot \sqrt{7})^2 =$

7.  $(\sqrt{8} - \sqrt{9})^2 =$

2.  $\frac{\sqrt{49}}{\sqrt{56}} =$

8.  $(\sqrt{2} \cdot \sqrt{4})^2 =$

3.  $\left(\frac{\sqrt{9}}{\sqrt{11}}\right)^2 =$

9.  $(\sqrt{8} \cdot \sqrt{2})^2 =$

4.  $\left(\frac{\sqrt{6}}{\sqrt{7}}\right)^2 =$

10.  $\sqrt{20} \cdot \sqrt{60} =$

5.  $\left(\frac{\sqrt{11}}{\sqrt{5}}\right)^2 =$

11.  $(\sqrt{5} \cdot \sqrt{8})^2 =$

6.  $\frac{\sqrt{21}}{\sqrt{49}} =$

12.  $\left(\frac{\sqrt{10}}{\sqrt{2}}\right)^2 =$

Calculate and simplify.

Document No.SQQ11039

1.  $(\sqrt{9} + \sqrt{5})^2 =$

7.  $(\sqrt{7} - \sqrt{6})^2 =$

2.  $\sqrt{117} - \sqrt{637} =$

8.  $\sqrt{132} \cdot \sqrt{110} =$

3.  $\sqrt{50} - \sqrt{128} =$

9.  $\sqrt{1215} + \sqrt{1815} =$

4.  $\left(\frac{\sqrt{4}}{\sqrt{7}}\right)^2 =$

10.  $\left(\frac{\sqrt{12}}{\sqrt{9}}\right)^2 =$

5.  $\sqrt{375} - \sqrt{240} =$

11.  $\sqrt{24} \cdot \sqrt{18} =$

6.  $\sqrt{275} - \sqrt{99} =$

12.  $(\sqrt{12} - \sqrt{6})^2 =$

Calculate and simplify.

Document No.SQQ11040

1.  $\sqrt{30} \cdot \sqrt{9} =$

7.  $\sqrt{8} \cdot \sqrt{6} =$

2.  $\sqrt{147} - \sqrt{192} =$

8.  $\sqrt{20} \cdot \sqrt{110} =$

3.  $\sqrt{176} - \sqrt{1100} =$

9.  $\frac{\sqrt{60}}{\sqrt{12}} =$

4.  $\frac{\sqrt{80}}{\sqrt{40}} =$

10.  $\sqrt{175} + \sqrt{448} =$

5.  $\frac{\sqrt{18}}{\sqrt{9}} =$

11.  $\sqrt{600} + \sqrt{24} =$

6.  $\sqrt{175} - \sqrt{252} =$

12.  $\sqrt{686} + \sqrt{224} =$



Calculate and simplify.

Document No.SQQ11041

1.  $(\sqrt{3} + \sqrt{5})^2 =$

7.  $(\sqrt{9} \cdot \sqrt{7})^2 =$

2.  $\sqrt{35} \cdot \sqrt{56} =$

8.  $\sqrt{135} + \sqrt{540} =$

3.  $\sqrt{1440} + \sqrt{250} =$

9.  $\sqrt{35} \cdot \sqrt{70} =$

4.  $\sqrt{63} \cdot \sqrt{84} =$

10.  $(\sqrt{8} \cdot \sqrt{10})^2 =$

5.  $(\sqrt{7} + \sqrt{10})^2 =$

11.  $\sqrt{66} \cdot \sqrt{12} =$

6.  $(\sqrt{4} + \sqrt{5})^2 =$

12.  $\sqrt{486} - \sqrt{864} =$

Calculate and simplify.

Document No.SQQ11042

1.  $\left(\frac{\sqrt{8}}{\sqrt{2}}\right)^2 =$

7.  $(\sqrt{6} - \sqrt{2})^2 =$

2.  $\left(\frac{\sqrt{7}}{\sqrt{12}}\right)^2 =$

8.  $\sqrt{6} \cdot \sqrt{21} =$

3.  $\sqrt{35} \cdot \sqrt{30} =$

9.  $\left(\frac{\sqrt{2}}{\sqrt{9}}\right)^2 =$

4.  $(\sqrt{8} - \sqrt{7})^2 =$

10.  $\sqrt{8} + \sqrt{288} =$

5.  $\frac{\sqrt{99}}{\sqrt{22}} =$

11.  $\frac{\sqrt{21}}{\sqrt{9}} =$

6.  $(\sqrt{2} + \sqrt{7})^2 =$

12.  $(\sqrt{4} + \sqrt{10})^2 =$

Calculate and simplify.

Document No.SQQ11043

1.  $\sqrt{810} - \sqrt{360} =$

7.  $\left(\frac{\sqrt{2}}{\sqrt{6}}\right)^2 =$

2.  $\sqrt{20} \cdot \sqrt{50} =$

8.  $\sqrt{176} + \sqrt{891} =$

3.  $\sqrt{360} + \sqrt{640} =$

9.  $\left(\frac{\sqrt{12}}{\sqrt{4}}\right)^2 =$

4.  $\sqrt{128} + \sqrt{242} =$

10.  $\sqrt{66} \cdot \sqrt{12} =$

5.  $\left(\frac{\sqrt{4}}{\sqrt{10}}\right)^2 =$

11.  $\frac{\sqrt{50}}{\sqrt{30}} =$

6.  $(\sqrt{2} + \sqrt{4})^2 =$

12.  $\sqrt{125} + \sqrt{180} =$

Calculate and simplify.

Document No.SQQ11044

1.  $\left(\frac{\sqrt{12}}{\sqrt{8}}\right)^2 =$

7.  $\sqrt{810} - \sqrt{250} =$

2.  $(\sqrt{4} \cdot \sqrt{11})^2 =$

8.  $(\sqrt{11} - \sqrt{9})^2 =$

3.  $\sqrt{110} \cdot \sqrt{55} =$

9.  $\left(\frac{\sqrt{9}}{\sqrt{8}}\right)^2 =$

4.  $(\sqrt{10} + \sqrt{4})^2 =$

10.  $(\sqrt{6} - \sqrt{11})^2 =$

5.  $\left(\frac{\sqrt{9}}{\sqrt{12}}\right)^2 =$

11.  $\left(\frac{\sqrt{8}}{\sqrt{12}}\right)^2 =$

6.  $\sqrt{30} \cdot \sqrt{42} =$

12.  $\sqrt{18} \cdot \sqrt{22} =$

Calculate and simplify.

Document No.SQQ11045

1.  $(\sqrt{9} + \sqrt{5})^2 =$

7.  $(\sqrt{11} + \sqrt{7})^2 =$

2.  $\sqrt{832} + \sqrt{1300} =$

8.  $\sqrt{1100} + \sqrt{539} =$

3.  $(\sqrt{4} \cdot \sqrt{8})^2 =$

9.  $\sqrt{54} \cdot \sqrt{30} =$

4.  $(\sqrt{12} - \sqrt{2})^2 =$

10.  $(\sqrt{11} - \sqrt{9})^2 =$

5.  $\sqrt{1215} - \sqrt{1815} =$

11.  $(\sqrt{6} - \sqrt{5})^2 =$

6.  $\sqrt{50} - \sqrt{32} =$

12.  $(\sqrt{11} + \sqrt{3})^2 =$

Calculate and simplify.

Document No.SQQ11046

1.  $\frac{\sqrt{36}}{\sqrt{24}} =$

7.  $\frac{\sqrt{28}}{\sqrt{35}} =$

2.  $\frac{\sqrt{4}}{\sqrt{12}} =$

8.  $\sqrt{704} + \sqrt{891} =$

3.  $\sqrt{22} \cdot \sqrt{33} =$

9.  $(\sqrt{8} + \sqrt{6})^2 =$

4.  $\sqrt{96} + \sqrt{24} =$

10.  $\sqrt{60} \cdot \sqrt{50} =$

5.  $\frac{\sqrt{66}}{\sqrt{54}} =$

11.  $(\sqrt{2} - \sqrt{6})^2 =$

6.  $(\sqrt{2} \cdot \sqrt{12})^2 =$

12.  $\sqrt{30} \cdot \sqrt{21} =$

Calculate and simplify.

Document No.SQQ11047

1.  $(\sqrt{11} - \sqrt{5})^2 =$

7.  $(\sqrt{9} + \sqrt{12})^2 =$

2.  $(\sqrt{4} \cdot \sqrt{6})^2 =$

8.  $\sqrt{125} - \sqrt{720} =$

3.  $\sqrt{6} \cdot \sqrt{30} =$

9.  $(\sqrt{6} - \sqrt{8})^2 =$

4.  $(\sqrt{4} + \sqrt{3})^2 =$

10.  $\sqrt{33} \cdot \sqrt{99} =$

5.  $\left(\frac{\sqrt{5}}{\sqrt{10}}\right)^2 =$

11.  $\sqrt{250} + \sqrt{1210} =$

6.  $\sqrt{8} + \sqrt{162} =$

12.  $\left(\frac{\sqrt{6}}{\sqrt{11}}\right)^2 =$

Calculate and simplify.

Document No.SQQ11048

1.  $\frac{\sqrt{72}}{\sqrt{60}} =$

7.  $\sqrt{30} \cdot \sqrt{35} =$

2.  $(\sqrt{9} - \sqrt{4})^2 =$

8.  $\sqrt{600} + \sqrt{486} =$

3.  $(\sqrt{4} \cdot \sqrt{10})^2 =$

9.  $\sqrt{4} \cdot \sqrt{8} =$

4.  $(\sqrt{11} - \sqrt{10})^2 =$

10.  $(\sqrt{3} \cdot \sqrt{4})^2 =$

5.  $(\sqrt{7} \cdot \sqrt{12})^2 =$

11.  $\frac{\sqrt{21}}{\sqrt{77}} =$

6.  $(\sqrt{2} \cdot \sqrt{8})^2 =$

12.  $\sqrt{720} - \sqrt{20} =$



Calculate and simplify.

Document No.SQQ11049

1.  $(\sqrt{11} \cdot \sqrt{8})^2 =$

7.  $\frac{\sqrt{36}}{\sqrt{30}} =$

2.  $\frac{\sqrt{20}}{\sqrt{10}} =$

8.  $\sqrt{12} \cdot \sqrt{21} =$

3.  $(\sqrt{7} \cdot \sqrt{11})^2 =$

9.  $\sqrt{14} \cdot \sqrt{70} =$

4.  $\frac{\sqrt{22}}{\sqrt{12}} =$

10.  $\sqrt{16} \cdot \sqrt{12} =$

5.  $\sqrt{100} \cdot \sqrt{90} =$

11.  $(\sqrt{6} + \sqrt{2})^2 =$

6.  $(\sqrt{3} + \sqrt{9})^2 =$

12.  $(\sqrt{6} \cdot \sqrt{9})^2 =$

Calculate and simplify.

Document No.SQQ11050

1.  $(\sqrt{11} \cdot \sqrt{12})^2 =$

7.  $\sqrt{48} - \sqrt{243} =$

2.  $\frac{\sqrt{8}}{\sqrt{20}} =$

8.  $\sqrt{28} + \sqrt{112} =$

3.  $\sqrt{60} \cdot \sqrt{40} =$

9.  $\frac{\sqrt{48}}{\sqrt{36}} =$

4.  $(\sqrt{5} + \sqrt{6})^2 =$

10.  $(\sqrt{3} + \sqrt{6})^2 =$

5.  $\left(\frac{\sqrt{4}}{\sqrt{12}}\right)^2 =$

11.  $\left(\frac{\sqrt{7}}{\sqrt{3}}\right)^2 =$

6.  $\sqrt{125} + \sqrt{405} =$

12.  $\sqrt{9} \cdot \sqrt{30} =$

Calculate and simplify.

Document No.SQQ11051

1.  $(\sqrt{10} \cdot \sqrt{12})^2 =$

7.  $\sqrt{24} \cdot \sqrt{15} =$

2.  $(\sqrt{6} - \sqrt{4})^2 =$

8.  $\sqrt{49} \cdot \sqrt{70} =$

3.  $\sqrt{54} \cdot \sqrt{60} =$

9.  $\sqrt{135} + \sqrt{1815} =$

4.  $(\sqrt{9} - \sqrt{12})^2 =$

10.  $\frac{\sqrt{14}}{\sqrt{4}} =$

5.  $(\sqrt{4} + \sqrt{11})^2 =$

11.  $\frac{\sqrt{30}}{\sqrt{21}} =$

6.  $(\sqrt{6} \cdot \sqrt{5})^2 =$

12.  $\sqrt{21} \cdot \sqrt{28} =$

Calculate and simplify.

Document No.SQQ11052

1.  $(\sqrt{10} + \sqrt{6})^2 =$

7.  $\sqrt{1210} + \sqrt{810} =$

2.  $(\sqrt{8} - \sqrt{6})^2 =$

8.  $\left(\frac{\sqrt{12}}{\sqrt{2}}\right)^2 =$

3.  $(\sqrt{4} \cdot \sqrt{8})^2 =$

9.  $\left(\frac{\sqrt{9}}{\sqrt{12}}\right)^2 =$

4.  $\left(\frac{\sqrt{6}}{\sqrt{10}}\right)^2 =$

10.  $\left(\frac{\sqrt{2}}{\sqrt{9}}\right)^2 =$

5.  $\frac{\sqrt{84}}{\sqrt{35}} =$

11.  $(\sqrt{10} - \sqrt{3})^2 =$

6.  $\left(\frac{\sqrt{4}}{\sqrt{10}}\right)^2 =$

12.  $\sqrt{28} \cdot \sqrt{14} =$

Calculate and simplify.

Document No.SQQ11053

1.  $\left(\frac{\sqrt{5}}{\sqrt{8}}\right)^2 =$

7.  $\sqrt{90} \cdot \sqrt{60} =$

2.  $(\sqrt{4} \cdot \sqrt{6})^2 =$

8.  $\sqrt{21} \cdot \sqrt{9} =$

3.  $\sqrt{12} - \sqrt{147} =$

9.  $(\sqrt{10} - \sqrt{6})^2 =$

4.  $(\sqrt{9} \cdot \sqrt{8})^2 =$

10.  $\frac{\sqrt{21}}{\sqrt{33}} =$

5.  $\sqrt{96} - \sqrt{726} =$

11.  $(\sqrt{8} + \sqrt{5})^2 =$

6.  $\sqrt{10} \cdot \sqrt{45} =$

12.  $\sqrt{54} \cdot \sqrt{72} =$

Calculate and simplify.

Document No.SQQ11054

1.  $\left(\frac{\sqrt{10}}{\sqrt{6}}\right)^2 =$

7.  $\sqrt{847} - \sqrt{63} =$

2.  $\sqrt{243} + \sqrt{363} =$

8.  $(\sqrt{10} \cdot \sqrt{4})^2 =$

3.  $\sqrt{1573} + \sqrt{468} =$

9.  $\sqrt{28} \cdot \sqrt{42} =$

4.  $(\sqrt{5} + \sqrt{8})^2 =$

10.  $(\sqrt{6} + \sqrt{2})^2 =$

5.  $\frac{\sqrt{70}}{\sqrt{21}} =$

11.  $\left(\frac{\sqrt{4}}{\sqrt{7}}\right)^2 =$

6.  $\sqrt{1694} - \sqrt{350} =$

12.  $\sqrt{448} + \sqrt{252} =$

Calculate and simplify.

Document No.SQQ11055

1.  $(\sqrt{3} \cdot \sqrt{9})^2 =$

7.  $\sqrt{48} - \sqrt{300} =$

2.  $(\sqrt{8} + \sqrt{7})^2 =$

8.  $(\sqrt{3} + \sqrt{4})^2 =$

3.  $(\sqrt{10} + \sqrt{6})^2 =$

9.  $(\sqrt{11} - \sqrt{9})^2 =$

4.  $\sqrt{66} \cdot \sqrt{36} =$

10.  $\sqrt{112} - \sqrt{1008} =$

5.  $(\sqrt{6} + \sqrt{2})^2 =$

11.  $(\sqrt{12} \cdot \sqrt{8})^2 =$

6.  $\sqrt{300} - \sqrt{192} =$

12.  $(\sqrt{9} + \sqrt{2})^2 =$

Calculate and simplify.

Document No.SQQ11056

1.  $\sqrt{891} - \sqrt{99} =$

7.  $(\sqrt{11} \cdot \sqrt{8})^2 =$

2.  $\left(\frac{\sqrt{4}}{\sqrt{7}}\right)^2 =$

8.  $(\sqrt{8} \cdot \sqrt{3})^2 =$

3.  $\sqrt{175} - \sqrt{112} =$

9.  $\sqrt{224} - \sqrt{1400} =$

4.  $\sqrt{1815} - \sqrt{2160} =$

10.  $(\sqrt{12} \cdot \sqrt{2})^2 =$

5.  $\left(\frac{\sqrt{3}}{\sqrt{8}}\right)^2 =$

11.  $(\sqrt{9} - \sqrt{7})^2 =$

6.  $\left(\frac{\sqrt{10}}{\sqrt{6}}\right)^2 =$

12.  $(\sqrt{9} - \sqrt{6})^2 =$



Calculate and simplify.

Document No.SQQ11057

1.  $\sqrt{539} + \sqrt{99} =$

7.  $(\sqrt{3} + \sqrt{11})^2 =$

2.  $\frac{\sqrt{12}}{\sqrt{24}} =$

8.  $\sqrt{45} \cdot \sqrt{50} =$

3.  $\sqrt{726} + \sqrt{294} =$

9.  $(\sqrt{12} - \sqrt{4})^2 =$

4.  $(\sqrt{7} + \sqrt{8})^2 =$

10.  $(\sqrt{6} \cdot \sqrt{4})^2 =$

5.  $\left(\frac{\sqrt{10}}{\sqrt{7}}\right)^2 =$

11.  $\left(\frac{\sqrt{2}}{\sqrt{4}}\right)^2 =$

6.  $\frac{\sqrt{22}}{\sqrt{24}} =$

12.  $(\sqrt{4} + \sqrt{12})^2 =$

Calculate and simplify.

Document No.SQQ11058

1.  $\sqrt{35} \cdot \sqrt{21} =$

7.  $\sqrt{75} - \sqrt{243} =$

2.  $(\sqrt{10} + \sqrt{11})^2 =$

8.  $\sqrt{468} + \sqrt{208} =$

3.  $\sqrt{50} \cdot \sqrt{40} =$

9.  $(\sqrt{11} + \sqrt{10})^2 =$

4.  $(\sqrt{2} + \sqrt{9})^2 =$

10.  $\sqrt{63} + \sqrt{700} =$

5.  $\sqrt{363} + \sqrt{48} =$

11.  $\frac{\sqrt{10}}{\sqrt{8}} =$

6.  $(\sqrt{4} \cdot \sqrt{3})^2 =$

12.  $\sqrt{66} \cdot \sqrt{54} =$

Calculate and simplify.

Document No.SQQ11059

1.  $\sqrt{504} - \sqrt{896} =$

7.  $\sqrt{99} + \sqrt{1584} =$

2.  $\sqrt{110} \cdot \sqrt{30} =$

8.  $\left(\frac{\sqrt{5}}{\sqrt{9}}\right)^2 =$

3.  $(\sqrt{2} \cdot \sqrt{11})^2 =$

9.  $\sqrt{1815} + \sqrt{735} =$

4.  $\sqrt{55} \cdot \sqrt{88} =$

10.  $(\sqrt{4} \cdot \sqrt{8})^2 =$

5.  $\frac{\sqrt{24}}{\sqrt{8}} =$

11.  $\sqrt{605} + \sqrt{80} =$

6.  $(\sqrt{5} \cdot \sqrt{11})^2 =$

12.  $(\sqrt{4} \cdot \sqrt{11})^2 =$

Calculate and simplify.

Document No.SQQ11060

1.  $\sqrt{33} \cdot \sqrt{44} =$

7.  $\sqrt{1215} + \sqrt{540} =$

2.  $\sqrt{735} + \sqrt{135} =$

8.  $\left(\frac{\sqrt{5}}{\sqrt{12}}\right)^2 =$

3.  $(\sqrt{9} \cdot \sqrt{8})^2 =$

9.  $\sqrt{48} \cdot \sqrt{36} =$

4.  $\frac{\sqrt{50}}{\sqrt{60}} =$

10.  $(\sqrt{11} + \sqrt{5})^2 =$

5.  $\sqrt{2016} + \sqrt{224} =$

11.  $\frac{\sqrt{6}}{\sqrt{18}} =$

6.  $\sqrt{847} + \sqrt{112} =$

12.  $\left(\frac{\sqrt{9}}{\sqrt{12}}\right)^2 =$

Calculate and simplify.

Document No.SQQ11061

1.  $\left(\frac{\sqrt{8}}{\sqrt{4}}\right)^2 =$

7.  $(\sqrt{7} - \sqrt{6})^2 =$

2.  $\frac{\sqrt{14}}{\sqrt{16}} =$

8.  $(\sqrt{4} + \sqrt{8})^2 =$

3.  $\sqrt{42} \cdot \sqrt{12} =$

9.  $\sqrt{960} + \sqrt{240} =$

4.  $\left(\frac{\sqrt{12}}{\sqrt{8}}\right)^2 =$

10.  $\sqrt{42} \cdot \sqrt{70} =$

5.  $\left(\frac{\sqrt{10}}{\sqrt{12}}\right)^2 =$

11.  $\sqrt{1400} + \sqrt{1134} =$

6.  $(\sqrt{7} + \sqrt{5})^2 =$

12.  $(\sqrt{11} - \sqrt{5})^2 =$

Calculate and simplify.

Document No.SQQ11062

1.  $\frac{\sqrt{8}}{\sqrt{14}} =$

7.  $\sqrt{360} + \sqrt{160} =$

2.  $\frac{\sqrt{56}}{\sqrt{70}} =$

8.  $(\sqrt{2} - \sqrt{7})^2 =$

3.  $(\sqrt{9} \cdot \sqrt{5})^2 =$

9.  $(\sqrt{12} - \sqrt{10})^2 =$

4.  $\sqrt{539} + \sqrt{44} =$

10.  $(\sqrt{6} \cdot \sqrt{2})^2 =$

5.  $\left(\frac{\sqrt{11}}{\sqrt{8}}\right)^2 =$

11.  $\sqrt{70} \cdot \sqrt{84} =$

6.  $(\sqrt{2} \cdot \sqrt{6})^2 =$

12.  $(\sqrt{2} - \sqrt{8})^2 =$

Calculate and simplify.

Document No.SQQ11063

1.  $\sqrt{1440} - \sqrt{360} =$

7.  $\left(\frac{\sqrt{8}}{\sqrt{2}}\right)^2 =$

2.  $\sqrt{18} + \sqrt{200} =$

8.  $(\sqrt{9} \cdot \sqrt{10})^2 =$

3.  $\sqrt{49} \cdot \sqrt{63} =$

9.  $(\sqrt{10} \cdot \sqrt{5})^2 =$

4.  $\frac{\sqrt{24}}{\sqrt{54}} =$

10.  $\frac{\sqrt{36}}{\sqrt{15}} =$

5.  $\sqrt{84} \cdot \sqrt{42} =$

11.  $(\sqrt{5} + \sqrt{2})^2 =$

6.  $\sqrt{128} + \sqrt{50} =$

12.  $(\sqrt{5} - \sqrt{8})^2 =$

Calculate and simplify.

Document No.SQQ11064

1.  $(\sqrt{5} \cdot \sqrt{6})^2 =$

7.  $(\sqrt{6} + \sqrt{9})^2 =$

2.  $(\sqrt{9} + \sqrt{5})^2 =$

8.  $\sqrt{288} + \sqrt{242} =$

3.  $\sqrt{25} \cdot \sqrt{40} =$

9.  $(\sqrt{10} - \sqrt{4})^2 =$

4.  $(\sqrt{3} - \sqrt{10})^2 =$

10.  $(\sqrt{5} \cdot \sqrt{4})^2 =$

5.  $(\sqrt{4} - \sqrt{10})^2 =$

11.  $(\sqrt{11} + \sqrt{2})^2 =$

6.  $\sqrt{1500} + \sqrt{135} =$

12.  $(\sqrt{9} + \sqrt{4})^2 =$



Calculate and simplify.

Document No.SQQ11065

1.  $(\sqrt{5} - \sqrt{11})^2 =$

7.  $(\sqrt{3} - \sqrt{11})^2 =$

2.  $\sqrt{250} - \sqrt{640} =$

8.  $\sqrt{2160} - \sqrt{1215} =$

3.  $\sqrt{1008} + \sqrt{175} =$

9.  $\sqrt{112} - \sqrt{1008} =$

4.  $(\sqrt{11} - \sqrt{2})^2 =$

10.  $\sqrt{12} + \sqrt{75} =$

5.  $\sqrt{35} \cdot \sqrt{49} =$

11.  $\left(\frac{\sqrt{10}}{\sqrt{5}}\right)^2 =$

6.  $\frac{\sqrt{15}}{\sqrt{9}} =$

12.  $(\sqrt{5} - \sqrt{7})^2 =$

Calculate and simplify.

Document No.SQQ11066

1.  $\sqrt{200} - \sqrt{242} =$

7.  $(\sqrt{12} \cdot \sqrt{11})^2 =$

2.  $\sqrt{2016} - \sqrt{686} =$

8.  $\frac{\sqrt{27}}{\sqrt{6}} =$

3.  $\sqrt{567} - \sqrt{847} =$

9.  $\left(\frac{\sqrt{10}}{\sqrt{6}}\right)^2 =$

4.  $(\sqrt{8} + \sqrt{7})^2 =$

10.  $\sqrt{75} - \sqrt{147} =$

5.  $\sqrt{90} + \sqrt{640} =$

11.  $\sqrt{50} + \sqrt{200} =$

6.  $(\sqrt{2} - \sqrt{8})^2 =$

12.  $\left(\frac{\sqrt{10}}{\sqrt{11}}\right)^2 =$

Calculate and simplify.

Document No.SQQ11067

1.  $\sqrt{40} - \sqrt{810} =$

7.  $\sqrt{63} \cdot \sqrt{42} =$

2.  $\sqrt{24} \cdot \sqrt{6} =$

8.  $\sqrt{375} - \sqrt{135} =$

3.  $(\sqrt{2} + \sqrt{11})^2 =$

9.  $\sqrt{500} - \sqrt{125} =$

4.  $(\sqrt{10} - \sqrt{9})^2 =$

10.  $\left(\frac{\sqrt{5}}{\sqrt{8}}\right)^2 =$

5.  $\sqrt{396} + \sqrt{704} =$

11.  $\sqrt{50} - \sqrt{18} =$

6.  $(\sqrt{9} \cdot \sqrt{11})^2 =$

12.  $\sqrt{50} - \sqrt{32} =$

Calculate and simplify.

Document No.SQQ11068

1.  $\sqrt{77} \cdot \sqrt{110} =$

7.  $\sqrt{135} - \sqrt{1815} =$

2.  $\frac{\sqrt{6}}{\sqrt{4}} =$

8.  $(\sqrt{9} - \sqrt{5})^2 =$

3.  $\sqrt{56} + \sqrt{1400} =$

9.  $\frac{\sqrt{28}}{\sqrt{21}} =$

4.  $(\sqrt{5} - \sqrt{4})^2 =$

10.  $\left(\frac{\sqrt{11}}{\sqrt{2}}\right)^2 =$

5.  $\sqrt{22} \cdot \sqrt{33} =$

11.  $\sqrt{20} + \sqrt{500} =$

6.  $\sqrt{2016} + \sqrt{1134} =$

12.  $\frac{\sqrt{63}}{\sqrt{56}} =$

Calculate and simplify.

Document No.SQQ11069

1.  $\sqrt{735} - \sqrt{240} =$

7.  $\frac{\sqrt{20}}{\sqrt{60}} =$

2.  $\left(\frac{\sqrt{5}}{\sqrt{9}}\right)^2 =$

8.  $\sqrt{18} \cdot \sqrt{24} =$

3.  $(\sqrt{4} - \sqrt{8})^2 =$

9.  $\sqrt{70} \cdot \sqrt{35} =$

4.  $(\sqrt{11} + \sqrt{2})^2 =$

10.  $\left(\frac{\sqrt{6}}{\sqrt{5}}\right)^2 =$

5.  $(\sqrt{3} + \sqrt{6})^2 =$

11.  $\sqrt{40} - \sqrt{1000} =$

6.  $(\sqrt{6} + \sqrt{11})^2 =$

12.  $(\sqrt{2} + \sqrt{8})^2 =$

Calculate and simplify.

Document No.SQQ11070

1.  $\frac{\sqrt{110}}{\sqrt{66}} =$

7.  $\sqrt{896} - \sqrt{2016} =$

2.  $\sqrt{16} \cdot \sqrt{20} =$

8.  $(\sqrt{6} \cdot \sqrt{12})^2 =$

3.  $(\sqrt{8} + \sqrt{11})^2 =$

9.  $(\sqrt{8} + \sqrt{12})^2 =$

4.  $\sqrt{1000} + \sqrt{1210} =$

10.  $\left(\frac{\sqrt{9}}{\sqrt{4}}\right)^2 =$

5.  $\frac{\sqrt{6}}{\sqrt{30}} =$

11.  $\sqrt{90} + \sqrt{640} =$

6.  $\sqrt{22} \cdot \sqrt{20} =$

12.  $(\sqrt{9} + \sqrt{8})^2 =$

Calculate and simplify.

Document No.SQQ11071

1.  $(\sqrt{7} + \sqrt{5})^2 =$

7.  $\sqrt{72} - \sqrt{18} =$

2.  $\frac{\sqrt{18}}{\sqrt{24}} =$

8.  $\sqrt{32} + \sqrt{242} =$

3.  $\sqrt{52} - \sqrt{1300} =$

9.  $\sqrt{44} + \sqrt{539} =$

4.  $\sqrt{375} + \sqrt{1215} =$

10.  $\sqrt{396} + \sqrt{539} =$

5.  $(\sqrt{12} \cdot \sqrt{5})^2 =$

11.  $(\sqrt{10} \cdot \sqrt{5})^2 =$

6.  $\sqrt{490} - \sqrt{250} =$

12.  $(\sqrt{3} - \sqrt{11})^2 =$

Calculate and simplify.

Document No.SQQ11072

1.  $\sqrt{704} - \sqrt{891} =$

7.  $\sqrt{6} \cdot \sqrt{4} =$

2.  $(\sqrt{11} \cdot \sqrt{6})^2 =$

8.  $\sqrt{448} + \sqrt{343} =$

3.  $\sqrt{32} - \sqrt{162} =$

9.  $\sqrt{22} \cdot \sqrt{6} =$

4.  $\sqrt{28} \cdot \sqrt{56} =$

10.  $\frac{\sqrt{15}}{\sqrt{30}} =$

5.  $\frac{\sqrt{4}}{\sqrt{20}} =$

11.  $\frac{\sqrt{88}}{\sqrt{110}} =$

6.  $\sqrt{1100} - \sqrt{704} =$

12.  $(\sqrt{7} + \sqrt{2})^2 =$



Calculate and simplify.

Document No.SQQ11073

1.  $(\sqrt{4} \cdot \sqrt{12})^2 =$

7.  $\sqrt{567} + \sqrt{700} =$

2.  $(\sqrt{8} + \sqrt{7})^2 =$

8.  $(\sqrt{5} \cdot \sqrt{7})^2 =$

3.  $(\sqrt{3} \cdot \sqrt{10})^2 =$

9.  $\frac{\sqrt{14}}{\sqrt{8}} =$

4.  $\left(\frac{\sqrt{5}}{\sqrt{2}}\right)^2 =$

10.  $(\sqrt{10} + \sqrt{7})^2 =$

5.  $(\sqrt{9} \cdot \sqrt{12})^2 =$

11.  $\sqrt{63} \cdot \sqrt{77} =$

6.  $(\sqrt{5} + \sqrt{2})^2 =$

12.  $(\sqrt{9} \cdot \sqrt{6})^2 =$

Calculate and simplify.

Document No.SQQ11074

1.  $\sqrt{300} + \sqrt{108} =$

7.  $(\sqrt{11} + \sqrt{7})^2 =$

2.  $\left(\frac{\sqrt{5}}{\sqrt{10}}\right)^2 =$

8.  $\sqrt{1000} + \sqrt{250} =$

3.  $\sqrt{77} \cdot \sqrt{84} =$

9.  $\sqrt{12} \cdot \sqrt{14} =$

4.  $\frac{\sqrt{10}}{\sqrt{16}} =$

10.  $(\sqrt{12} - \sqrt{8})^2 =$

5.  $\sqrt{375} + \sqrt{960} =$

11.  $(\sqrt{12} - \sqrt{10})^2 =$

6.  $\sqrt{77} \cdot \sqrt{55} =$

12.  $(\sqrt{2} + \sqrt{4})^2 =$

Calculate and simplify.

Document No.SQQ11075

1.  $\left(\frac{\sqrt{3}}{\sqrt{11}}\right)^2 =$

7.  $\sqrt{500} + \sqrt{80} =$

2.  $(\sqrt{5} - \sqrt{8})^2 =$

8.  $\sqrt{128} + \sqrt{18} =$

3.  $\sqrt{325} + \sqrt{637} =$

9.  $\frac{\sqrt{10}}{\sqrt{35}} =$

4.  $\left(\frac{\sqrt{8}}{\sqrt{7}}\right)^2 =$

10.  $\sqrt{704} + \sqrt{176} =$

5.  $(\sqrt{10} \cdot \sqrt{9})^2 =$

11.  $\left(\frac{\sqrt{9}}{\sqrt{11}}\right)^2 =$

6.  $(\sqrt{11} + \sqrt{7})^2 =$

12.  $\sqrt{486} + \sqrt{294} =$

Calculate and simplify.

Document No.SQQ11076

1.  $\left(\frac{\sqrt{12}}{\sqrt{11}}\right)^2 =$

7.  $\left(\frac{\sqrt{7}}{\sqrt{2}}\right)^2 =$

2.  $\sqrt{384} - \sqrt{216} =$

8.  $(\sqrt{10} + \sqrt{6})^2 =$

3.  $\sqrt{36} \cdot \sqrt{12} =$

9.  $\sqrt{1331} - \sqrt{891} =$

4.  $\sqrt{720} + \sqrt{320} =$

10.  $\sqrt{27} - \sqrt{12} =$

5.  $\left(\frac{\sqrt{9}}{\sqrt{3}}\right)^2 =$

11.  $\left(\frac{\sqrt{5}}{\sqrt{7}}\right)^2 =$

6.  $\sqrt{36} \cdot \sqrt{6} =$

12.  $\sqrt{605} + \sqrt{405} =$

Calculate and simplify.

Document No.SQQ11077

1.  $\frac{\sqrt{120}}{\sqrt{80}} =$

7.  $(\sqrt{6} + \sqrt{7})^2 =$

2.  $(\sqrt{4} + \sqrt{12})^2 =$

8.  $\left(\frac{\sqrt{4}}{\sqrt{6}}\right)^2 =$

3.  $(\sqrt{3} + \sqrt{7})^2 =$

9.  $\sqrt{125} + \sqrt{80} =$

4.  $\sqrt{224} - \sqrt{1400} =$

10.  $\frac{\sqrt{121}}{\sqrt{99}} =$

5.  $\left(\frac{\sqrt{12}}{\sqrt{2}}\right)^2 =$

11.  $\sqrt{77} \cdot \sqrt{44} =$

6.  $\left(\frac{\sqrt{9}}{\sqrt{2}}\right)^2 =$

12.  $\sqrt{1300} - \sqrt{52} =$

Calculate and simplify.

Document No.SQQ11078

1.  $(\sqrt{3} + \sqrt{5})^2 =$

7.  $\sqrt{121} \cdot \sqrt{110} =$

2.  $\sqrt{150} + \sqrt{486} =$

8.  $(\sqrt{5} + \sqrt{2})^2 =$

3.  $(\sqrt{10} - \sqrt{11})^2 =$

9.  $\left(\frac{\sqrt{9}}{\sqrt{6}}\right)^2 =$

4.  $\sqrt{1584} + \sqrt{176} =$

10.  $\sqrt{128} - \sqrt{200} =$

5.  $\left(\frac{\sqrt{9}}{\sqrt{7}}\right)^2 =$

11.  $(\sqrt{9} \cdot \sqrt{12})^2 =$

6.  $\sqrt{16} \cdot \sqrt{22} =$

12.  $\sqrt{1815} + \sqrt{375} =$

Calculate and simplify.

Document No.SQQ11079

1.  $\sqrt{72} \cdot \sqrt{42} =$

7.  $(\sqrt{7} + \sqrt{12})^2 =$

2.  $\sqrt{18} \cdot \sqrt{54} =$

8.  $(\sqrt{5} + \sqrt{9})^2 =$

3.  $\left(\frac{\sqrt{5}}{\sqrt{9}}\right)^2 =$

9.  $(\sqrt{8} - \sqrt{10})^2 =$

4.  $\frac{\sqrt{50}}{\sqrt{35}} =$

10.  $(\sqrt{9} + \sqrt{5})^2 =$

5.  $\frac{\sqrt{49}}{\sqrt{35}} =$

11.  $\sqrt{1008} + \sqrt{448} =$

6.  $(\sqrt{6} - \sqrt{5})^2 =$

12.  $\frac{\sqrt{55}}{\sqrt{110}} =$

Calculate and simplify.

Document No.SQQ11080

1.  $\left(\frac{\sqrt{2}}{\sqrt{3}}\right)^2 =$

7.  $\left(\frac{\sqrt{6}}{\sqrt{5}}\right)^2 =$

2.  $(\sqrt{8} \cdot \sqrt{4})^2 =$

8.  $\sqrt{40} \cdot \sqrt{60} =$

3.  $(\sqrt{8} - \sqrt{6})^2 =$

9.  $\sqrt{243} - \sqrt{108} =$

4.  $\sqrt{490} + \sqrt{1000} =$

10.  $\sqrt{720} + \sqrt{245} =$

5.  $\sqrt{720} - \sqrt{245} =$

11.  $\sqrt{50} \cdot \sqrt{35} =$

6.  $(\sqrt{5} + \sqrt{3})^2 =$

12.  $\frac{\sqrt{36}}{\sqrt{6}} =$



Calculate and simplify.

Document No.SQQ11081

1.  $\sqrt{637} - \sqrt{325} =$

7.  $\sqrt{864} - \sqrt{54} =$

2.  $(\sqrt{11} - \sqrt{9})^2 =$

8.  $\sqrt{468} - \sqrt{117} =$

3.  $\left(\frac{\sqrt{12}}{\sqrt{7}}\right)^2 =$

9.  $(\sqrt{4} \cdot \sqrt{8})^2 =$

4.  $\sqrt{18} \cdot \sqrt{8} =$

10.  $(\sqrt{8} + \sqrt{11})^2 =$

5.  $\left(\frac{\sqrt{11}}{\sqrt{12}}\right)^2 =$

11.  $\frac{\sqrt{55}}{\sqrt{35}} =$

6.  $\sqrt{567} - \sqrt{63} =$

12.  $\sqrt{320} - \sqrt{500} =$

Calculate and simplify.

Document No.SQQ11082

1.  $\frac{\sqrt{70}}{\sqrt{20}} =$

7.  $\sqrt{180} - \sqrt{80} =$

2.  $\left(\frac{\sqrt{12}}{\sqrt{11}}\right)^2 =$

8.  $\sqrt{30} \cdot \sqrt{36} =$

3.  $\sqrt{8} \cdot \sqrt{10} =$

9.  $\sqrt{48} \cdot \sqrt{54} =$

4.  $\left(\frac{\sqrt{10}}{\sqrt{5}}\right)^2 =$

10.  $(\sqrt{5} + \sqrt{8})^2 =$

5.  $\sqrt{250} + \sqrt{90} =$

11.  $(\sqrt{3} \cdot \sqrt{8})^2 =$

6.  $(\sqrt{3} - \sqrt{4})^2 =$

12.  $\left(\frac{\sqrt{2}}{\sqrt{10}}\right)^2 =$

Calculate and simplify.

Document No.SQQ11083

1.  $(\sqrt{11} + \sqrt{8})^2 =$

7.  $(\sqrt{11} - \sqrt{10})^2 =$

2.  $\frac{\sqrt{24}}{\sqrt{14}} =$

8.  $(\sqrt{6} + \sqrt{11})^2 =$

3.  $\sqrt{1134} + \sqrt{56} =$

9.  $\left(\frac{\sqrt{8}}{\sqrt{4}}\right)^2 =$

4.  $\sqrt{1872} - \sqrt{52} =$

10.  $\frac{\sqrt{30}}{\sqrt{6}} =$

5.  $\frac{\sqrt{55}}{\sqrt{25}} =$

11.  $\sqrt{24} \cdot \sqrt{16} =$

6.  $\frac{\sqrt{33}}{\sqrt{9}} =$

12.  $(\sqrt{7} + \sqrt{6})^2 =$

Calculate and simplify.

Document No.SQQ11084

1.  $\left(\frac{\sqrt{3}}{\sqrt{12}}\right)^2 =$

7.  $\frac{\sqrt{15}}{\sqrt{33}} =$

2.  $(\sqrt{11} \cdot \sqrt{3})^2 =$

8.  $\sqrt{486} - \sqrt{54} =$

3.  $(\sqrt{10} \cdot \sqrt{11})^2 =$

9.  $\sqrt{33} \cdot \sqrt{30} =$

4.  $\frac{\sqrt{14}}{\sqrt{21}} =$

10.  $(\sqrt{9} + \sqrt{10})^2 =$

5.  $(\sqrt{12} - \sqrt{11})^2 =$

11.  $\sqrt{49} \cdot \sqrt{63} =$

6.  $\left(\frac{\sqrt{12}}{\sqrt{8}}\right)^2 =$

12.  $\left(\frac{\sqrt{12}}{\sqrt{10}}\right)^2 =$

Calculate and simplify.

Document No.SQQ11085

1.  $\left(\frac{\sqrt{6}}{\sqrt{12}}\right)^2 =$

7.  $\left(\frac{\sqrt{11}}{\sqrt{2}}\right)^2 =$

2.  $(\sqrt{9} - \sqrt{4})^2 =$

8.  $(\sqrt{5} \cdot \sqrt{7})^2 =$

3.  $\frac{\sqrt{15}}{\sqrt{20}} =$

9.  $\sqrt{55} \cdot \sqrt{77} =$

4.  $\sqrt{14} \cdot \sqrt{35} =$

10.  $(\sqrt{2} \cdot \sqrt{12})^2 =$

5.  $(\sqrt{5} - \sqrt{3})^2 =$

11.  $\sqrt{539} - \sqrt{396} =$

6.  $(\sqrt{8} + \sqrt{12})^2 =$

12.  $(\sqrt{2} \cdot \sqrt{3})^2 =$

Calculate and simplify.

Document No.SQQ11086

1.  $\sqrt{52} + \sqrt{117} =$

7.  $(\sqrt{5} \cdot \sqrt{8})^2 =$

2.  $(\sqrt{9} + \sqrt{10})^2 =$

8.  $(\sqrt{9} - \sqrt{6})^2 =$

3.  $(\sqrt{11} \cdot \sqrt{8})^2 =$

9.  $(\sqrt{8} \cdot \sqrt{2})^2 =$

4.  $\left(\frac{\sqrt{3}}{\sqrt{9}}\right)^2 =$

10.  $(\sqrt{8} \cdot \sqrt{3})^2 =$

5.  $\sqrt{8} \cdot \sqrt{10} =$

11.  $\sqrt{1573} - \sqrt{468} =$

6.  $(\sqrt{12} - \sqrt{11})^2 =$

12.  $(\sqrt{2} \cdot \sqrt{4})^2 =$

Calculate and simplify.

Document No.SQQ11087

1.  $\left(\frac{\sqrt{6}}{\sqrt{2}}\right)^2 =$

7.  $(\sqrt{3} - \sqrt{6})^2 =$

2.  $\sqrt{147} - \sqrt{243} =$

8.  $(\sqrt{6} \cdot \sqrt{8})^2 =$

3.  $\left(\frac{\sqrt{9}}{\sqrt{12}}\right)^2 =$

9.  $(\sqrt{10} + \sqrt{8})^2 =$

4.  $\sqrt{42} \cdot \sqrt{60} =$

10.  $\sqrt{22} \cdot \sqrt{8} =$

5.  $\sqrt{448} + \sqrt{700} =$

11.  $\sqrt{6} \cdot \sqrt{12} =$

6.  $(\sqrt{2} \cdot \sqrt{4})^2 =$

12.  $(\sqrt{8} \cdot \sqrt{7})^2 =$

Calculate and simplify.

Document No.SQQ11088

1.  $(\sqrt{3} \cdot \sqrt{10})^2 =$

7.  $\sqrt{20} \cdot \sqrt{90} =$

2.  $\frac{\sqrt{8}}{\sqrt{18}} =$

8.  $\sqrt{242} + \sqrt{288} =$

3.  $\sqrt{396} + \sqrt{539} =$

9.  $\sqrt{539} - \sqrt{396} =$

4.  $(\sqrt{4} - \sqrt{3})^2 =$

10.  $(\sqrt{8} - \sqrt{5})^2 =$

5.  $(\sqrt{5} - \sqrt{7})^2 =$

11.  $(\sqrt{2} + \sqrt{5})^2 =$

6.  $\sqrt{1210} + \sqrt{90} =$

12.  $\frac{\sqrt{63}}{\sqrt{56}} =$



Calculate and simplify.

Document No.SQQ11089

1.  $(\sqrt{5} - \sqrt{6})^2 =$

7.  $\sqrt{63} + \sqrt{1008} =$

2.  $(\sqrt{12} - \sqrt{8})^2 =$

8.  $(\sqrt{12} \cdot \sqrt{8})^2 =$

3.  $\sqrt{504} + \sqrt{56} =$

9.  $\sqrt{99} + \sqrt{1331} =$

4.  $\sqrt{600} - \sqrt{150} =$

10.  $\frac{\sqrt{30}}{\sqrt{48}} =$

5.  $\sqrt{864} - \sqrt{96} =$

11.  $\frac{\sqrt{9}}{\sqrt{6}} =$

6.  $\sqrt{1440} + \sqrt{90} =$

12.  $\left(\frac{\sqrt{12}}{\sqrt{3}}\right)^2 =$

Calculate and simplify.

Document No.SQQ11090

1.  $(\sqrt{8} - \sqrt{10})^2 =$

7.  $(\sqrt{2} \cdot \sqrt{3})^2 =$

2.  $\sqrt{8} - \sqrt{32} =$

8.  $\sqrt{490} - \sqrt{360} =$

3.  $(\sqrt{9} + \sqrt{8})^2 =$

9.  $(\sqrt{5} \cdot \sqrt{8})^2 =$

4.  $\left(\frac{\sqrt{7}}{\sqrt{8}}\right)^2 =$

10.  $\sqrt{44} - \sqrt{1584} =$

5.  $(\sqrt{11} \cdot \sqrt{4})^2 =$

11.  $(\sqrt{10} \cdot \sqrt{4})^2 =$

6.  $\sqrt{490} + \sqrt{160} =$

12.  $(\sqrt{10} \cdot \sqrt{3})^2 =$

Calculate and simplify.

Document No.SQQ11091

1.  $(\sqrt{7} - \sqrt{12})^2 =$

7.  $\frac{\sqrt{49}}{\sqrt{21}} =$

2.  $(\sqrt{5} \cdot \sqrt{12})^2 =$

8.  $\sqrt{1500} + \sqrt{1215} =$

3.  $(\sqrt{10} \cdot \sqrt{9})^2 =$

9.  $\sqrt{60} \cdot \sqrt{50} =$

4.  $(\sqrt{7} \cdot \sqrt{10})^2 =$

10.  $\left(\frac{\sqrt{11}}{\sqrt{9}}\right)^2 =$

5.  $\sqrt{18} - \sqrt{50} =$

11.  $\frac{\sqrt{70}}{\sqrt{90}} =$

6.  $\sqrt{735} - \sqrt{2160} =$

12.  $(\sqrt{12} - \sqrt{9})^2 =$

Calculate and simplify.

Document No.SQQ11092

1.  $(\sqrt{11} - \sqrt{6})^2 =$

7.  $\sqrt{640} + \sqrt{1440} =$

2.  $\sqrt{325} - \sqrt{1872} =$

8.  $\frac{\sqrt{54}}{\sqrt{48}} =$

3.  $(\sqrt{11} \cdot \sqrt{3})^2 =$

9.  $\sqrt{55} \cdot \sqrt{44} =$

4.  $\sqrt{99} + \sqrt{1331} =$

10.  $\left(\frac{\sqrt{2}}{\sqrt{11}}\right)^2 =$

5.  $\frac{\sqrt{60}}{\sqrt{30}} =$

11.  $\sqrt{847} + \sqrt{700} =$

6.  $\frac{\sqrt{120}}{\sqrt{90}} =$

12.  $\frac{\sqrt{60}}{\sqrt{30}} =$

Calculate and simplify.

Document No.SQQ11093

1.  $(\sqrt{10} + \sqrt{9})^2 =$

7.  $(\sqrt{3} - \sqrt{9})^2 =$

2.  $(\sqrt{5} - \sqrt{12})^2 =$

8.  $\left(\frac{\sqrt{4}}{\sqrt{9}}\right)^2 =$

3.  $\frac{\sqrt{40}}{\sqrt{90}} =$

9.  $\left(\frac{\sqrt{12}}{\sqrt{5}}\right)^2 =$

4.  $\sqrt{60} \cdot \sqrt{72} =$

10.  $(\sqrt{11} + \sqrt{12})^2 =$

5.  $(\sqrt{3} \cdot \sqrt{10})^2 =$

11.  $\frac{\sqrt{22}}{\sqrt{77}} =$

6.  $(\sqrt{11} \cdot \sqrt{12})^2 =$

12.  $\frac{\sqrt{55}}{\sqrt{35}} =$

Calculate and simplify.

Document No.SQQ11094

1.  $(\sqrt{2} \cdot \sqrt{8})^2 =$

7.  $\sqrt{18} - \sqrt{32} =$

2.  $(\sqrt{5} \cdot \sqrt{6})^2 =$

8.  $(\sqrt{8} + \sqrt{4})^2 =$

3.  $\sqrt{42} \cdot \sqrt{77} =$

9.  $\sqrt{32} - \sqrt{128} =$

4.  $\frac{\sqrt{9}}{\sqrt{18}} =$

10.  $\sqrt{49} \cdot \sqrt{21} =$

5.  $\left(\frac{\sqrt{10}}{\sqrt{7}}\right)^2 =$

11.  $(\sqrt{7} + \sqrt{2})^2 =$

6.  $\sqrt{15} \cdot \sqrt{36} =$

12.  $(\sqrt{8} \cdot \sqrt{12})^2 =$

Calculate and simplify.

Document No.SQQ11095

1.  $(\sqrt{6} - \sqrt{3})^2 =$

7.  $\frac{\sqrt{66}}{\sqrt{132}} =$

2.  $\sqrt{48} \cdot \sqrt{36} =$

8.  $\sqrt{12} + \sqrt{192} =$

3.  $\sqrt{30} \cdot \sqrt{20} =$

9.  $(\sqrt{7} + \sqrt{5})^2 =$

4.  $\left(\frac{\sqrt{12}}{\sqrt{2}}\right)^2 =$

10.  $\sqrt{180} + \sqrt{245} =$

5.  $\sqrt{24} \cdot \sqrt{6} =$

11.  $(\sqrt{3} + \sqrt{6})^2 =$

6.  $\sqrt{80} - \sqrt{500} =$

12.  $\sqrt{33} \cdot \sqrt{18} =$

Calculate and simplify.

Document No.SQQ11096

1.  $\frac{\sqrt{49}}{\sqrt{56}} =$

7.  $\sqrt{12} \cdot \sqrt{72} =$

2.  $(\sqrt{4} - \sqrt{6})^2 =$

8.  $\sqrt{72} - \sqrt{32} =$

3.  $(\sqrt{3} \cdot \sqrt{12})^2 =$

9.  $\sqrt{150} + \sqrt{216} =$

4.  $\left(\frac{\sqrt{5}}{\sqrt{10}}\right)^2 =$

10.  $\frac{\sqrt{10}}{\sqrt{45}} =$

5.  $\sqrt{112} - \sqrt{448} =$

11.  $\sqrt{325} - \sqrt{117} =$

6.  $\sqrt{1300} + \sqrt{208} =$

12.  $\sqrt{10} \cdot \sqrt{40} =$



Calculate and simplify.

Document No.SQQ11097

1.  $(\sqrt{5} \cdot \sqrt{9})^2 =$

7.  $\left(\frac{\sqrt{9}}{\sqrt{2}}\right)^2 =$

2.  $(\sqrt{12} - \sqrt{4})^2 =$

8.  $\sqrt{44} + \sqrt{275} =$

3.  $\sqrt{735} + \sqrt{60} =$

9.  $\sqrt{1100} + \sqrt{1584} =$

4.  $\sqrt{245} - \sqrt{20} =$

10.  $(\sqrt{3} \cdot \sqrt{6})^2 =$

5.  $(\sqrt{5} - \sqrt{12})^2 =$

11.  $(\sqrt{10} - \sqrt{5})^2 =$

6.  $\sqrt{343} - \sqrt{252} =$

12.  $\frac{\sqrt{9}}{\sqrt{12}} =$

Calculate and simplify.

Document No.SQQ11098

1.  $(\sqrt{12} - \sqrt{8})^2 =$

7.  $(\sqrt{12} - \sqrt{3})^2 =$

2.  $\sqrt{50} + \sqrt{72} =$

8.  $\sqrt{1053} - \sqrt{1300} =$

3.  $(\sqrt{7} \cdot \sqrt{11})^2 =$

9.  $\sqrt{704} - \sqrt{176} =$

4.  $\sqrt{343} + \sqrt{112} =$

10.  $(\sqrt{2} - \sqrt{10})^2 =$

5.  $(\sqrt{11} \cdot \sqrt{8})^2 =$

11.  $\sqrt{72} \cdot \sqrt{48} =$

6.  $(\sqrt{2} \cdot \sqrt{9})^2 =$

12.  $\sqrt{49} \cdot \sqrt{70} =$

Calculate and simplify.

Document No.SQQ11099

1.  $(\sqrt{2} \cdot \sqrt{12})^2 =$

7.  $\sqrt{200} + \sqrt{8} =$

2.  $\left(\frac{\sqrt{10}}{\sqrt{9}}\right)^2 =$

8.  $\sqrt{294} - \sqrt{150} =$

3.  $\left(\frac{\sqrt{6}}{\sqrt{10}}\right)^2 =$

9.  $(\sqrt{11} \cdot \sqrt{10})^2 =$

4.  $\sqrt{1584} - \sqrt{99} =$

10.  $\left(\frac{\sqrt{11}}{\sqrt{6}}\right)^2 =$

5.  $\sqrt{250} + \sqrt{360} =$

11.  $\sqrt{30} \cdot \sqrt{60} =$

6.  $\frac{\sqrt{35}}{\sqrt{40}} =$

12.  $\sqrt{60} \cdot \sqrt{55} =$

Calculate and simplify.

Document No.SQQ11100

1.  $(\sqrt{4} \cdot \sqrt{5})^2 =$

7.  $\frac{\sqrt{100}}{\sqrt{120}} =$

2.  $(\sqrt{5} - \sqrt{8})^2 =$

8.  $(\sqrt{2} + \sqrt{3})^2 =$

3.  $\frac{\sqrt{99}}{\sqrt{33}} =$

9.  $\sqrt{24} \cdot \sqrt{6} =$

4.  $(\sqrt{7} + \sqrt{4})^2 =$

10.  $\left(\frac{\sqrt{4}}{\sqrt{2}}\right)^2 =$

5.  $(\sqrt{4} - \sqrt{6})^2 =$

11.  $(\sqrt{6} \cdot \sqrt{2})^2 =$

6.  $(\sqrt{2} - \sqrt{4})^2 =$

12.  $(\sqrt{8} \cdot \sqrt{7})^2 =$

**Document No. SQQ11001**

1. 90
2. 84
3. 132
4. 5
5. 84
6. 40
7.  $\frac{7}{4}$
8.  $-4\sqrt{10} + 13$
9.  $19\sqrt{10}$
10.  $\sqrt{2}$
11.  $22\sqrt{5}$
12.  $9\sqrt{10}$

**Document No. SQQ11002**

1.  $20\sqrt{10}$
2.  $\sqrt{3}$
3. 18
4. 12
5.  $4\sqrt{21} + 19$
6.  $2\sqrt{77} + 18$
7.  $\frac{3}{10}$
8. 45
9. 15
10.  $14\sqrt{5}$
11.  $\frac{\sqrt{3}}{3}$
12.  $\frac{10}{3}$

**Document No. SQQ11003**

1.  $10\sqrt{15}$
2.  $6\sqrt{5}$
3.  $8\sqrt{2} + 12$
4.  $4\sqrt{3}$
5.  $12\sqrt{2}$
6.  $14\sqrt{5}$
7.  $\sqrt{2}$
8. 2
9. 24
10.  $\frac{\sqrt{2}}{2}$
11. 10
12.  $\frac{\sqrt{3}}{3}$

**Document No. SQQ11004**

1. 6
2.  $19\sqrt{10}$
3.  $-9\sqrt{11}$

4.  $-2\sqrt{33} + 14$
5.  $30\sqrt{2}$
6. 27
7.  $-2\sqrt{7}$
8.  $\frac{2\sqrt{15}}{5}$
9.  $\frac{7}{2}$
10.  $-4\sqrt{33} + 23$
11.  $6\sqrt{3} + 12$
12.  $16\sqrt{14}$

**Document No. SQQ11005**

1.  $12\sqrt{2}$
2.  $30\sqrt{2}$
3.  $10\sqrt{14}$
4.  $7\sqrt{14}$
5.  $6\sqrt{10}$
6. 40
7.  $-\sqrt{11}$
8.  $\frac{4}{9}$
9.  $4\sqrt{6} + 14$
10. 42
11.  $4\sqrt{14}$
12.  $\frac{\sqrt{7}}{3}$

**Document No. SQQ11006**

1.  $-2\sqrt{14} + 9$
2.  $\frac{\sqrt{5}}{2}$
3. 32
4.  $12\sqrt{11}$
5.  $-4\sqrt{3} + 7$
6. 42
7. 24
8.  $9\sqrt{6}$
9. 96
10.  $7\sqrt{5}$
11.  $\frac{\sqrt{6}}{3}$
12.  $\frac{\sqrt{3}}{3}$

**Document No. SQQ11007**

1. 4
2.  $8\sqrt{6}$
3.  $2\sqrt{15} + 8$
4.  $6\sqrt{2}$
5.  $19\sqrt{3}$
6.  $\frac{\sqrt{5}}{2}$
7. 84

8.  $\frac{6}{5}$
9. 48
10.  $\frac{2\sqrt{3}}{3}$
11.  $-4\sqrt{3} + 8$
12.  $\frac{27}{4}$

**Document No. SQQ11008**

1.  $10\sqrt{2} + 15$
2.  $\frac{\sqrt{10}}{5}$
3. 40
4.  $\frac{\sqrt{30}}{5}$
5.  $10\sqrt{7}$
6. 20
7.  $4\sqrt{33} + 23$
8.  $12\sqrt{15}$
9. 45
10.  $-4\sqrt{10} + 14$
11. 72
12.  $-7\sqrt{5}$

**Document No. SQQ11009**

1.  $-4\sqrt{3} + 7$
2.  $\sqrt{2}$
3.  $6\sqrt{2} + 9$
4.  $4\sqrt{6} + 11$
5.  $-5\sqrt{11}$
6.  $\frac{\sqrt{6}}{3}$
7. 18
8. 110
9. 24
10.  $\frac{3}{2}$
11. 36
12.  $3\sqrt{11}$

**Document No. SQQ11010**

1.  $7\sqrt{15}$
2. 60
3.  $\frac{5}{2}$
4.  $-4\sqrt{7} + 11$
5.  $14\sqrt{5}$
6.  $\frac{15}{2}$
7.  $\frac{1}{2}$
8.  $12\sqrt{6}$
9.  $\frac{33}{4}$
10.  $-4\sqrt{33} + 23$
11.  $\frac{5}{2}$

12.  $14\sqrt{14}$

**Document No. SQQ11011**

1.  $-4\sqrt{3} + 8$
2.  $\frac{7}{10}$
3.  $13\sqrt{2}$
4. 2
5.  $\frac{11}{5}$
6.  $13\sqrt{7}$
7.  $\frac{12}{11}$
8.  $-4\sqrt{22} + 19$
9.  $18\sqrt{13}$
10.  $6\sqrt{5}$
11.  $3\sqrt{30}$
12.  $-\sqrt{10}$

**Document No. SQQ11012**

1. 20
2.  $3\sqrt{5}$
3. 27
4.  $7\sqrt{10}$
5. 3
6.  $\frac{9}{2}$
7.  $11\sqrt{2}$
8.  $-3\sqrt{3}$
9.  $20\sqrt{15}$
10.  $-7\sqrt{14}$
11.  $13\sqrt{2}$
12.  $8\sqrt{5} + 18$

**Document No. SQQ11013**

1.  $15\sqrt{15}$
2.  $-4\sqrt{11} + 15$
3.  $11\sqrt{42}$
4.  $10\sqrt{5}$
5.  $22\sqrt{3}$
6. 35
7.  $\frac{9}{11}$
8.  $33\sqrt{7}$
9.  $-2\sqrt{15} + 8$
10.  $3\sqrt{55}$
11.  $\frac{12}{5}$
12.  $22\sqrt{3}$

**Document No. SQQ11014**

1.  $\frac{6}{11}$

2.  $6\sqrt{15}$
3.  $20\sqrt{13}$
4.  $\frac{3}{2}$
5.  $6\sqrt{7} + 16$
6.  $18\sqrt{3}$
7. 56
8. 40
9.  $-4\sqrt{6} + 10$
10.  $\frac{\sqrt{35}}{5}$
11.  $\frac{\sqrt{66}}{11}$
12.  $-2\sqrt{15}$

**Document No. SQQ11015**

1.  $-3\sqrt{11}$
2.  $\frac{\sqrt{10}}{5}$
3.  $-4\sqrt{15}$
4. 96
5.  $-6\sqrt{7} + 16$
6.  $2\sqrt{2}$
7. 12
8.  $-7\sqrt{3}$
9.  $-8\sqrt{10}$
10.  $-\sqrt{10}$
11.  $10\sqrt{6}$
12.  $\sqrt{3}$

**Document No. SQQ11016**

1.  $\frac{\sqrt{3}}{2}$
2.  $4\sqrt{14} + 15$
3.  $\frac{27}{4}$
4. 12
5.  $20\sqrt{30}$
6. 3
7.  $\frac{1}{2}$
8.  $14\sqrt{15}$
9. 21
10. 110
11. 44
12. 36

**Document No. SQQ11017**

1. 27
2.  $-4\sqrt{6} + 11$
3.  $-6\sqrt{2} + 11$
4.  $-2\sqrt{33} + 14$
5.  $21\sqrt{2}$

6.  $22\sqrt{22}$
7.  $4\sqrt{6} + 10$
8.  $-4\sqrt{3} + 8$
9. 48
10.  $\frac{2\sqrt{5}}{5}$
11.  $\frac{\sqrt{3}}{3}$
12.  $\frac{3}{5}$

**Document No. SQQ11018**

1.  $6\sqrt{6} + 15$
2.  $6\sqrt{7} + 16$
3.  $\frac{\sqrt{6}}{2}$
4.  $-6\sqrt{6} + 15$
5.  $6\sqrt{3}$
6.  $\frac{2\sqrt{2}}{3}$
7. 40
8.  $\frac{7}{9}$
9.  $\frac{\sqrt{30}}{6}$
10.  $-6\sqrt{3} + 12$
11.  $-12\sqrt{2} + 18$
12.  $4\sqrt{6} + 10$

**Document No. SQQ11019**

1.  $19\sqrt{14}$
2.  $4\sqrt{14}$
3.  $7\sqrt{3}$
4.  $18\sqrt{7}$
5.  $\frac{\sqrt{66}}{6}$
6.  $6\sqrt{2} + 11$
7.  $\frac{3}{2}$
8.  $-10\sqrt{2} + 15$
9.  $16\sqrt{6}$
10.  $-5\sqrt{11}$
11. 4
12. 4

**Document No. SQQ11020**

1.  $8\sqrt{10}$
2.  $-8\sqrt{6} + 20$
3. 4
4.  $-5\sqrt{11}$
5. 1
6. 28
7.  $\sqrt{2}$
8.  $13\sqrt{5}$
9.  $\frac{2}{5}$

10.  $-\sqrt{14}$
11.  $4\sqrt{10} + 14$
12.  $4\sqrt{22} + 19$

**Document No. SQQ11021**

1.  $4\sqrt{6} + 11$
2.  $\frac{\sqrt{2}}{2}$
3. 2
4.  $66\sqrt{2}$
5.  $11\sqrt{5}$
6. 70
7.  $9\sqrt{2}$
8.  $\frac{11}{7}$
9. 48
10.  $4\sqrt{2} + 6$
11.  $-4\sqrt{15} + 17$
12.  $\frac{\sqrt{7}}{3}$

**Document No. SQQ11022**

1.  $12\sqrt{3}$
2.  $12\sqrt{11}$
3. 132
4.  $-2\sqrt{35} + 12$
5.  $-8\sqrt{2} + 12$
6.  $-6\sqrt{7}$
7.  $4\sqrt{2} + 6$
8.  $42\sqrt{3}$
9.  $11\sqrt{6}$
10.  $-12\sqrt{2} + 17$
11.  $2\sqrt{70} + 17$
12.  $12\sqrt{15}$

**Document No. SQQ11023**

1.  $-6\sqrt{6} + 15$
2.  $21\sqrt{15}$
3.  $\frac{\sqrt{6}}{3}$
4.  $2\sqrt{21} + 10$
5. 36
6.  $4\sqrt{6} + 10$
7.  $\frac{3}{2}$
8.  $6\sqrt{13}$
9.  $19\sqrt{3}$
10.  $4\sqrt{2} + 6$
11.  $3\sqrt{66}$
12.  $-2\sqrt{30} + 13$

**Document No. SQQ11024**

1.  $14\sqrt{6}$
2.  $8\sqrt{3} + 14$
3.  $-2\sqrt{35} + 12$
4. 2
5.  $\frac{1}{2}$
6.  $-\sqrt{2}$
7.  $\frac{4}{3}$
8.  $-4\sqrt{30} + 22$
9.  $\frac{1}{2}$
10.  $10\sqrt{2} + 15$
11.  $4\sqrt{6} + 10$
12.  $\frac{2\sqrt{14}}{7}$

**Document No. SQQ11025**

1.  $\frac{10}{9}$
2.  $-3\sqrt{3}$
3.  $5\sqrt{14}$
4.  $\frac{\sqrt{6}}{6}$
5.  $\frac{\sqrt{11}}{2}$
6.  $\frac{9}{2}$
7.  $8\sqrt{13}$
8.  $19\sqrt{15}$
9.  $18\sqrt{3}$
10.  $\frac{\sqrt{55}}{5}$
11.  $\frac{2\sqrt{10}}{5}$
12.  $11\sqrt{5}$

**Document No. SQQ11026**

1.  $15\sqrt{5}$
2.  $\frac{\sqrt{30}}{5}$
3. 2
4.  $3\sqrt{30}$
5.  $-6\sqrt{2} + 9$
6. 2
7.  $5\sqrt{7}$
8.  $\frac{6}{5}$
9.  $20\sqrt{15}$
10. 22
11.  $7\sqrt{14}$
12.  $20\sqrt{7}$

**Document No. SQQ11027**

1. 20
2.  $2\sqrt{30} + 11$



3.  $\frac{11}{2}$
4.  $\frac{3}{10}$
5.  $-4\sqrt{5} + 12$
6.  $20\sqrt{6}$
7.  $\frac{11}{10}$
8.  $8\sqrt{7}$
9.  $8\sqrt{2} + 12$
10. 32
11.  $-\sqrt{11}$
12.  $\frac{11}{10}$

**Document No. SQQ11028**

1.  $\frac{\sqrt{77}}{7}$
2.  $4\sqrt{11} + 15$
3.  $-4\sqrt{22} + 19$
4.  $14\sqrt{5}$
5.  $\frac{10}{3}$
6.  $4\sqrt{3} + 8$
7. 60
8.  $-12\sqrt{3} + 21$
9.  $\sqrt{2}$
10.  $4\sqrt{14} + 15$
11.  $2\sqrt{30} + 11$
12.  $14\sqrt{6}$

**Document No. SQQ11029**

1.  $-4\sqrt{30} + 22$
2. 36
3.  $\sqrt{2}$
4.  $\frac{\sqrt{70}}{7}$
5.  $\frac{5}{7}$
6.  $11\sqrt{6}$
7.  $4\sqrt{11} + 15$
8.  $\frac{2\sqrt{3}}{3}$
9.  $3\sqrt{7}$
10. 24
11.  $15\sqrt{11}$
12.  $66\sqrt{2}$

**Document No. SQQ11030**

1.  $10\sqrt{14}$
2.  $4\sqrt{21} + 19$
3. 45
4.  $13\sqrt{11}$
5. 24
6.  $-6\sqrt{10} + 19$

7.  $9\sqrt{14}$
8.  $\frac{11}{4}$
9.  $7\sqrt{10}$
10.  $2\sqrt{55} + 16$
11.  $6\sqrt{7} + 16$
12.  $\frac{11}{4}$

**Document No. SQQ11031**

1.  $2\sqrt{30} + 13$
2. 25
3. 48
4.  $36\sqrt{2}$
5.  $4\sqrt{3} + 8$
6.  $\frac{7}{3}$
7.  $8\sqrt{5}$
8.  $-4\sqrt{6} + 10$
9.  $\frac{\sqrt{66}}{11}$
10.  $-4\sqrt{33} + 23$
11.  $3\sqrt{5}$
12. 72

**Document No. SQQ11032**

1.  $4\sqrt{11} + 15$
2.  $-4\sqrt{3} + 7$
3. 72
4.  $3\sqrt{13}$
5.  $\frac{8}{11}$
6.  $12\sqrt{6}$
7. 6
8.  $\frac{6}{11}$
9. 32
10.  $\frac{2}{5}$
11.  $2\sqrt{10} + 7$
12.  $\frac{12}{11}$

**Document No. SQQ11033**

1.  $\frac{9}{4}$
2.  $2\sqrt{22} + 13$
3. 50
4.  $-4\sqrt{10} + 14$
5.  $6\sqrt{7}$
6.  $\frac{1}{3}$
7. 27
8.  $4\sqrt{5} + 12$
9.  $-4\sqrt{33} + 23$
10.  $2\sqrt{10} + 7$

11.  $4\sqrt{5} + 12$
12. 27

**Document No. SQQ11034**

1.  $13\sqrt{11}$
2.  $\frac{5}{3}$
3.  $2\sqrt{14} + 9$
4.  $-\sqrt{6}$
5.  $-2\sqrt{7}$
6.  $12\sqrt{2} + 18$
7.  $6\sqrt{30}$
8.  $12\sqrt{3}$
9.  $3\sqrt{33}$
10.  $2\sqrt{5}$
11.  $-4\sqrt{10} + 14$
12. 18

**Document No. SQQ11035**

1. 132
2.  $-5\sqrt{5}$
3.  $\frac{8}{7}$
4. 12
5. 18
6.  $11\sqrt{5}$
7.  $-6\sqrt{11} + 20$
8.  $-5\sqrt{7}$
9.  $-6\sqrt{2} + 9$
10. 6
11.  $\frac{8}{11}$
12.  $18\sqrt{5}$

**Document No. SQQ11036**

1.  $6\sqrt{7} + 16$
2.  $6\sqrt{2} + 11$
3.  $\frac{\sqrt{66}}{11}$
4.  $20\sqrt{2}$
5.  $-3\sqrt{2}$
6.  $4\sqrt{11} + 15$
7.  $6\sqrt{7}$
8.  $2\sqrt{66} + 17$
9.  $6\sqrt{10} + 19$
10. 3
11.  $-4\sqrt{30} + 22$
12.  $-2\sqrt{5}$

**Document No. SQQ11037**

1.  $\frac{2}{3}$
2.  $\frac{3}{7}$
3.  $\frac{7}{9}$
4. 1
5.  $\sqrt{10}$
6.  $\frac{\sqrt{30}}{6}$
7.  $4\sqrt{11} + 15$
8.  $5\sqrt{15}$
9.  $-4\sqrt{6}$
10.  $14\sqrt{3}$
11.  $-4\sqrt{10} + 13$
12.  $3\sqrt{3}$

**Document No. SQQ11038**

1. 84
2.  $\frac{\sqrt{14}}{4}$
3.  $\frac{9}{11}$
4.  $\frac{6}{7}$
5.  $\frac{11}{5}$
6.  $\frac{\sqrt{21}}{7}$
7.  $-12\sqrt{2} + 17$
8. 8
9. 16
10.  $20\sqrt{3}$
11. 40
12. 5

**Document No. SQQ11039**

1.  $6\sqrt{5} + 14$
2.  $-4\sqrt{13}$
3.  $-3\sqrt{2}$
4.  $\frac{4}{7}$
5.  $\sqrt{15}$
6.  $2\sqrt{11}$
7.  $-2\sqrt{42} + 13$
8.  $22\sqrt{30}$
9.  $20\sqrt{15}$
10.  $\frac{4}{3}$
11.  $12\sqrt{3}$
12.  $-12\sqrt{2} + 18$

**Document No. SQQ11040**

1.  $3\sqrt{30}$
2.  $-\sqrt{3}$
3.  $-6\sqrt{11}$
4.  $\sqrt{2}$

5.  $\sqrt{2}$
6.  $-\sqrt{7}$
7.  $4\sqrt{3}$
8.  $10\sqrt{22}$
9.  $\sqrt{5}$
10.  $13\sqrt{7}$
11.  $12\sqrt{6}$
12.  $11\sqrt{14}$

**Document No. SQQ11041**

1.  $2\sqrt{15} + 8$
2.  $14\sqrt{10}$
3.  $17\sqrt{10}$
4.  $42\sqrt{3}$
5.  $2\sqrt{70} + 17$
6.  $4\sqrt{5} + 9$
7. 63
8.  $9\sqrt{15}$
9.  $35\sqrt{2}$
10. 80
11.  $6\sqrt{22}$
12.  $-3\sqrt{6}$

**Document No. SQQ11042**

1. 4
2.  $\frac{21}{4}$
3.  $5\sqrt{42}$
4.  $-4\sqrt{14} + 15$
5.  $\frac{3\sqrt{2}}{2}$
6.  $2\sqrt{14} + 9$
7.  $-4\sqrt{3} + 8$
8.  $3\sqrt{14}$
9.  $\frac{2}{9}$
10.  $14\sqrt{2}$
11.  $\frac{\sqrt{21}}{3}$
12.  $4\sqrt{10} + 14$

**Document No. SQQ11043**

1.  $3\sqrt{10}$
2.  $10\sqrt{10}$
3.  $14\sqrt{10}$
4.  $19\sqrt{2}$
5.  $\frac{2}{5}$
6.  $4\sqrt{2} + 6$
7.  $\frac{1}{3}$
8.  $13\sqrt{11}$

9. 3
10.  $6\sqrt{22}$
11.  $\frac{\sqrt{15}}{3}$
12.  $11\sqrt{5}$

**Document No. SQQ11044**

1. 6
2. 44
3.  $55\sqrt{2}$
4.  $4\sqrt{10} + 14$
5.  $\frac{27}{4}$
6.  $6\sqrt{35}$
7.  $4\sqrt{10}$
8.  $-6\sqrt{11} + 20$
9.  $\frac{9}{2}$
10.  $-2\sqrt{66} + 17$
11. 6
12.  $6\sqrt{11}$

**Document No. SQQ11045**

1.  $6\sqrt{5} + 14$
2.  $18\sqrt{13}$
3. 32
4.  $-4\sqrt{6} + 14$
5.  $-2\sqrt{15}$
6.  $\sqrt{2}$
7.  $2\sqrt{77} + 18$
8.  $17\sqrt{11}$
9.  $18\sqrt{5}$
10.  $-6\sqrt{11} + 20$
11.  $-2\sqrt{30} + 11$
12.  $2\sqrt{33} + 14$

**Document No. SQQ11046**

1.  $\frac{\sqrt{6}}{2}$
2.  $\frac{\sqrt{3}}{3}$
3.  $11\sqrt{6}$
4.  $6\sqrt{6}$
5.  $\frac{\sqrt{11}}{3}$
6. 24
7.  $\frac{2\sqrt{5}}{5}$
8.  $17\sqrt{11}$
9.  $8\sqrt{3} + 14$
10.  $10\sqrt{30}$
11.  $-4\sqrt{3} + 8$
12.  $3\sqrt{70}$

**Document No. SQQ11047**

1.  $-2\sqrt{55} + 16$
2. 24
3.  $6\sqrt{5}$
4.  $4\sqrt{3} + 7$
5.  $\frac{1}{2}$
6.  $11\sqrt{2}$
7.  $12\sqrt{3} + 21$
8.  $-7\sqrt{5}$
9.  $-8\sqrt{3} + 14$
10.  $33\sqrt{3}$
11.  $16\sqrt{10}$
12.  $\frac{6}{11}$

**Document No. SQQ11048**

1.  $\frac{\sqrt{30}}{5}$
2. 1
3. 40
4.  $-2\sqrt{110} + 21$
5. 84
6. 16
7.  $5\sqrt{42}$
8.  $19\sqrt{6}$
9.  $4\sqrt{2}$
10. 12
11.  $\frac{\sqrt{33}}{11}$
12.  $10\sqrt{5}$

**Document No. SQQ11049**

1. 88
2.  $\sqrt{2}$
3. 77
4.  $\frac{\sqrt{66}}{6}$
5.  $30\sqrt{10}$
6.  $6\sqrt{3} + 12$
7.  $\frac{\sqrt{30}}{5}$
8.  $6\sqrt{7}$
9.  $14\sqrt{5}$
10.  $8\sqrt{3}$
11.  $4\sqrt{3} + 8$
12. 54

**Document No. SQQ11050**

1. 132
2.  $\frac{\sqrt{10}}{5}$

3.  $20\sqrt{6}$
4.  $2\sqrt{30} + 11$
5. 3
6.  $14\sqrt{5}$
7.  $-5\sqrt{3}$
8.  $6\sqrt{7}$
9.  $\frac{2\sqrt{3}}{3}$
10.  $6\sqrt{2} + 9$
11.  $\frac{7}{3}$
12.  $3\sqrt{30}$

**Document No. SQQ11051**

1. 120
2.  $-4\sqrt{6} + 10$
3.  $18\sqrt{10}$
4.  $-12\sqrt{3} + 21$
5.  $4\sqrt{11} + 15$
6. 30
7.  $6\sqrt{10}$
8.  $7\sqrt{70}$
9.  $14\sqrt{15}$
10.  $\frac{\sqrt{14}}{2}$
11.  $\frac{\sqrt{70}}{7}$
12.  $14\sqrt{3}$

**Document No. SQQ11052**

1.  $4\sqrt{15} + 16$
2.  $-8\sqrt{3} + 14$
3. 32
4.  $\frac{3}{5}$
5.  $\frac{2\sqrt{15}}{5}$
6.  $\frac{2}{5}$
7.  $20\sqrt{10}$
8. 6
9.  $\frac{27}{4}$
10.  $\frac{2}{9}$
11.  $-2\sqrt{30} + 13$
12.  $14\sqrt{2}$

**Document No. SQQ11053**

1.  $\frac{5}{2}$
2. 24
3.  $-5\sqrt{3}$
4. 72
5.  $-7\sqrt{6}$
6.  $15\sqrt{2}$

7.  $30\sqrt{6}$
8.  $3\sqrt{21}$
9.  $-4\sqrt{15} + 16$
10.  $\frac{\sqrt{77}}{11}$
11.  $4\sqrt{10} + 13$
12.  $36\sqrt{3}$

**Document No. SQQ11054**

1.  $\frac{5}{3}$
2.  $20\sqrt{3}$
3.  $17\sqrt{13}$
4.  $4\sqrt{10} + 13$
5.  $\frac{\sqrt{30}}{3}$
6.  $6\sqrt{14}$
7.  $8\sqrt{7}$
8. 40
9.  $14\sqrt{6}$
10.  $4\sqrt{3} + 8$
11.  $\frac{4}{7}$
12.  $14\sqrt{7}$

**Document No. SQQ11055**

1. 27
2.  $4\sqrt{14} + 15$
3.  $4\sqrt{15} + 16$
4.  $6\sqrt{66}$
5.  $4\sqrt{3} + 8$
6.  $2\sqrt{3}$
7.  $-6\sqrt{3}$
8.  $4\sqrt{3} + 7$
9.  $-6\sqrt{11} + 20$
10.  $-8\sqrt{7}$
11. 96
12.  $6\sqrt{2} + 11$

**Document No. SQQ11056**

1.  $6\sqrt{11}$
2.  $\frac{4}{7}$
3.  $\sqrt{7}$
4.  $-\sqrt{15}$
5.  $\frac{3}{2}$
6.  $\frac{5}{3}$
7. 88
8. 24
9.  $-6\sqrt{14}$
10. 24

11.  $-6\sqrt{7} + 16$
12.  $-6\sqrt{6} + 15$

**Document No. SQQ11057**

1.  $10\sqrt{11}$
2.  $\frac{\sqrt{2}}{2}$
3.  $18\sqrt{6}$
4.  $4\sqrt{14} + 15$
5.  $\frac{10}{7}$
6.  $\frac{\sqrt{33}}{6}$
7.  $2\sqrt{33} + 14$
8.  $15\sqrt{10}$
9.  $-8\sqrt{3} + 16$
10. 24
11.  $\frac{1}{2}$
12.  $8\sqrt{3} + 16$

**Document No. SQQ11058**

1.  $7\sqrt{15}$
2.  $2\sqrt{110} + 21$
3.  $20\sqrt{5}$
4.  $6\sqrt{2} + 11$
5.  $15\sqrt{3}$
6. 12
7.  $-4\sqrt{3}$
8.  $10\sqrt{13}$
9.  $2\sqrt{110} + 21$
10.  $13\sqrt{7}$
11.  $\frac{\sqrt{5}}{2}$
12.  $18\sqrt{11}$

**Document No. SQQ11059**

1.  $-2\sqrt{14}$
2.  $10\sqrt{33}$
3. 22
4.  $22\sqrt{10}$
5.  $\sqrt{3}$
6. 55
7.  $15\sqrt{11}$
8.  $\frac{5}{9}$
9.  $18\sqrt{15}$
10. 32
11.  $15\sqrt{5}$
12. 44

**Document No. SQQ11060**

1.  $22\sqrt{3}$
2.  $10\sqrt{15}$
3. 72
4.  $\frac{\sqrt{30}}{6}$
5.  $16\sqrt{14}$
6.  $15\sqrt{7}$
7.  $15\sqrt{15}$
8.  $\frac{15}{4}$
9.  $24\sqrt{3}$
10.  $2\sqrt{55} + 16$
11.  $\frac{\sqrt{3}}{3}$
12.  $\frac{27}{4}$

**Document No. SQQ11061**

1. 2
2.  $\frac{\sqrt{14}}{4}$
3.  $6\sqrt{14}$
4. 6
5.  $\frac{15}{2}$
6.  $2\sqrt{35} + 12$
7.  $-2\sqrt{42} + 13$
8.  $8\sqrt{2} + 12$
9.  $12\sqrt{15}$
10.  $14\sqrt{15}$
11.  $19\sqrt{14}$
12.  $-2\sqrt{55} + 16$

**Document No. SQQ11062**

1.  $\frac{2\sqrt{7}}{7}$
2.  $\frac{2\sqrt{5}}{5}$
3. 45
4.  $9\sqrt{11}$
5.  $\frac{11}{2}$
6. 12
7.  $10\sqrt{10}$
8.  $-2\sqrt{14} + 9$
9.  $-4\sqrt{30} + 22$
10. 12
11.  $14\sqrt{30}$
12. 2

**Document No. SQQ11063**

1.  $6\sqrt{10}$
2.  $13\sqrt{2}$
3.  $21\sqrt{7}$
4.  $\frac{2}{3}$

5.  $42\sqrt{2}$
6.  $13\sqrt{2}$
7. 4
8. 90
9. 50
10.  $\frac{2\sqrt{15}}{5}$
11.  $2\sqrt{10} + 7$
12.  $-4\sqrt{10} + 13$

**Document No. SQQ11064**

1. 30
2.  $6\sqrt{5} + 14$
3.  $10\sqrt{10}$
4.  $-2\sqrt{30} + 13$
5.  $-4\sqrt{10} + 14$
6.  $13\sqrt{15}$
7.  $6\sqrt{6} + 15$
8.  $23\sqrt{2}$
9.  $-4\sqrt{10} + 14$
10. 20
11.  $2\sqrt{22} + 13$
12. 25

**Document No. SQQ11065**

1.  $-2\sqrt{55} + 16$
2.  $-3\sqrt{10}$
3.  $17\sqrt{7}$
4.  $-2\sqrt{22} + 13$
5.  $7\sqrt{35}$
6.  $\frac{\sqrt{15}}{3}$
7.  $-2\sqrt{33} + 14$
8.  $3\sqrt{15}$
9.  $-8\sqrt{7}$
10.  $7\sqrt{3}$
11. 2
12.  $-2\sqrt{35} + 12$

**Document No. SQQ11066**

1.  $-\sqrt{2}$
2.  $5\sqrt{14}$
3.  $-2\sqrt{7}$
4.  $4\sqrt{14} + 15$
5.  $11\sqrt{10}$
6. 2
7. 132
8.  $\frac{3\sqrt{2}}{2}$

9.  $\frac{5}{3}$
10.  $-2\sqrt{3}$
11.  $15\sqrt{2}$
12.  $\frac{10}{11}$

**Document No. SQQ11067**

1.  $-7\sqrt{10}$
2. 12
3.  $2\sqrt{22} + 13$
4.  $-6\sqrt{10} + 19$
5.  $14\sqrt{11}$
6. 99
7.  $21\sqrt{6}$
8.  $2\sqrt{15}$
9.  $5\sqrt{5}$
10.  $\frac{5}{2}$
11.  $2\sqrt{2}$
12.  $\sqrt{2}$

**Document No. SQQ11068**

1.  $11\sqrt{70}$
2.  $\frac{\sqrt{6}}{2}$
3.  $12\sqrt{14}$
4.  $-4\sqrt{5} + 9$
5.  $11\sqrt{6}$
6.  $21\sqrt{14}$
7.  $-8\sqrt{15}$
8.  $-6\sqrt{5} + 14$
9.  $\frac{2\sqrt{3}}{3}$
10.  $\frac{11}{2}$
11.  $12\sqrt{5}$
12.  $\frac{3\sqrt{2}}{4}$

**Document No. SQQ11069**

1.  $3\sqrt{15}$
2.  $\frac{5}{9}$
3.  $-8\sqrt{2} + 12$
4.  $2\sqrt{22} + 13$
5.  $6\sqrt{2} + 9$
6.  $2\sqrt{66} + 17$
7.  $\frac{\sqrt{3}}{3}$
8.  $12\sqrt{3}$
9.  $35\sqrt{2}$
10.  $\frac{6}{5}$
11.  $-8\sqrt{10}$
12. 18

**Document No. SQQ11070**

1.  $\frac{\sqrt{15}}{3}$
2.  $8\sqrt{5}$
3.  $4\sqrt{22} + 19$
4.  $21\sqrt{10}$
5.  $\frac{\sqrt{5}}{5}$
6.  $2\sqrt{110}$
7.  $-4\sqrt{14}$
8. 72
9.  $8\sqrt{6} + 20$
10.  $\frac{9}{4}$
11.  $11\sqrt{10}$
12.  $12\sqrt{2} + 17$

**Document No. SQQ11071**

1.  $2\sqrt{35} + 12$
2.  $\frac{\sqrt{3}}{2}$
3.  $-8\sqrt{13}$
4.  $14\sqrt{15}$
5. 60
6.  $2\sqrt{10}$
7.  $3\sqrt{2}$
8.  $15\sqrt{2}$
9.  $9\sqrt{11}$
10.  $13\sqrt{11}$
11. 50
12.  $-2\sqrt{33} + 14$

**Document No. SQQ11072**

1.  $-\sqrt{11}$
2. 66
3.  $-5\sqrt{2}$
4.  $28\sqrt{2}$
5.  $\frac{\sqrt{5}}{5}$
6.  $2\sqrt{11}$
7.  $2\sqrt{6}$
8.  $15\sqrt{7}$
9.  $2\sqrt{33}$
10.  $\frac{\sqrt{2}}{2}$
11.  $\frac{2\sqrt{5}}{5}$
12.  $2\sqrt{14} + 9$

**Document No. SQQ11073**

1. 48
2.  $4\sqrt{14} + 15$

3. 30
4.  $\frac{5}{2}$
5. 108
6.  $2\sqrt{10} + 7$
7.  $19\sqrt{7}$
8. 35
9.  $\frac{\sqrt{7}}{2}$
10.  $2\sqrt{70} + 17$
11.  $21\sqrt{11}$
12. 54

**Document No. SQQ11074**

1.  $16\sqrt{3}$
2.  $\frac{1}{2}$
3.  $14\sqrt{33}$
4.  $\frac{\sqrt{10}}{4}$
5.  $13\sqrt{15}$
6.  $11\sqrt{35}$
7.  $2\sqrt{77} + 18$
8.  $15\sqrt{10}$
9.  $2\sqrt{42}$
10.  $-8\sqrt{6} + 20$
11.  $-4\sqrt{30} + 22$
12.  $4\sqrt{2} + 6$

**Document No. SQQ11075**

1.  $\frac{3}{11}$
2.  $-4\sqrt{10} + 13$
3.  $12\sqrt{13}$
4.  $\frac{8}{7}$
5. 90
6.  $2\sqrt{77} + 18$
7.  $14\sqrt{5}$
8.  $11\sqrt{2}$
9.  $\frac{\sqrt{14}}{7}$
10.  $12\sqrt{11}$
11.  $\frac{9}{11}$
12.  $16\sqrt{6}$

**Document No. SQQ11076**

1.  $\frac{12}{11}$
2.  $2\sqrt{6}$
3.  $12\sqrt{3}$
4.  $20\sqrt{5}$
5. 3
6.  $6\sqrt{6}$

7.  $\frac{7}{2}$
8.  $4\sqrt{15} + 16$
9.  $2\sqrt{11}$
10.  $\sqrt{3}$
11.  $\frac{5}{7}$
12.  $20\sqrt{5}$

**Document No. SQQ11077**

1.  $\frac{\sqrt{6}}{2}$
2.  $8\sqrt{3} + 16$
3.  $2\sqrt{21} + 10$
4.  $-6\sqrt{14}$
5. 6
6.  $\frac{9}{2}$
7.  $2\sqrt{42} + 13$
8.  $\frac{2}{3}$
9.  $9\sqrt{5}$
10.  $\frac{\sqrt{11}}{3}$
11.  $22\sqrt{7}$
12.  $8\sqrt{13}$

**Document No. SQQ11078**

1.  $2\sqrt{15} + 8$
2.  $14\sqrt{6}$
3.  $-2\sqrt{110} + 21$
4.  $16\sqrt{11}$
5.  $\frac{9}{7}$
6.  $4\sqrt{22}$
7.  $11\sqrt{110}$
8.  $2\sqrt{10} + 7$
9.  $\frac{3}{2}$
10.  $-2\sqrt{2}$
11. 108
12.  $16\sqrt{15}$

**Document No. SQQ11079**

1.  $12\sqrt{21}$
2.  $18\sqrt{3}$
3.  $\frac{5}{9}$
4.  $\frac{\sqrt{70}}{7}$
5.  $\frac{\sqrt{35}}{5}$
6.  $-2\sqrt{30} + 11$
7.  $4\sqrt{21} + 19$
8.  $6\sqrt{5} + 14$
9.  $-8\sqrt{5} + 18$



10.  $6\sqrt{5} + 14$
11.  $20\sqrt{7}$
12.  $\frac{\sqrt{2}}{2}$

**Document No. SQQ11080**

1.  $\frac{2}{3}$
2. 32
3.  $-8\sqrt{3} + 14$
4.  $17\sqrt{10}$
5.  $5\sqrt{5}$
6.  $2\sqrt{15} + 8$
7.  $\frac{6}{5}$
8.  $20\sqrt{6}$
9.  $3\sqrt{3}$
10.  $19\sqrt{5}$
11.  $5\sqrt{70}$
12.  $\sqrt{6}$

**Document No. SQQ11081**

1.  $2\sqrt{13}$
2.  $-6\sqrt{11} + 20$
3.  $\frac{12}{7}$
4. 12
5.  $\frac{33}{4}$
6.  $6\sqrt{7}$
7.  $9\sqrt{6}$
8.  $3\sqrt{13}$
9. 32
10.  $4\sqrt{22} + 19$
11.  $\frac{\sqrt{77}}{7}$
12.  $-2\sqrt{5}$

**Document No. SQQ11082**

1.  $\frac{\sqrt{14}}{2}$
2.  $\frac{12}{11}$
3.  $4\sqrt{5}$
4. 2
5.  $8\sqrt{10}$
6.  $-4\sqrt{3} + 7$
7.  $2\sqrt{5}$
8.  $6\sqrt{30}$
9.  $36\sqrt{2}$
10.  $4\sqrt{10} + 13$
11. 24
12.  $\frac{1}{5}$

**Document No. SQQ11083**

1.  $4\sqrt{22} + 19$
2.  $\frac{2\sqrt{21}}{7}$
3.  $11\sqrt{14}$
4.  $10\sqrt{13}$
5.  $\frac{\sqrt{55}}{5}$
6.  $\frac{\sqrt{33}}{3}$
7.  $-2\sqrt{110} + 21$
8.  $2\sqrt{66} + 17$
9. 2
10.  $\sqrt{5}$
11.  $8\sqrt{6}$
12.  $2\sqrt{42} + 13$

**Document No. SQQ11084**

1.  $\frac{9}{4}$
2. 33
3. 110
4.  $\frac{\sqrt{6}}{3}$
5.  $-4\sqrt{33} + 23$
6. 6
7.  $\frac{\sqrt{55}}{11}$
8.  $6\sqrt{6}$
9.  $3\sqrt{110}$
10.  $6\sqrt{10} + 19$
11.  $21\sqrt{7}$
12.  $\frac{6}{5}$

**Document No. SQQ11085**

1.  $\frac{9}{2}$
2. 1
3.  $\frac{\sqrt{3}}{2}$
4.  $7\sqrt{10}$
5.  $-2\sqrt{15} + 8$
6.  $8\sqrt{6} + 20$
7.  $\frac{11}{2}$
8. 35
9.  $11\sqrt{35}$
10. 24
11.  $\sqrt{11}$
12. 6

**Document No. SQQ11086**

1.  $5\sqrt{13}$
2.  $6\sqrt{10} + 19$
3. 88

4.  $\frac{1}{3}$
5.  $4\sqrt{5}$
6.  $-4\sqrt{33} + 23$
7. 40
8.  $-6\sqrt{6} + 15$
9. 16
10. 24
11.  $5\sqrt{13}$
12. 8

**Document No. SQQ11087**

1. 3
2.  $-2\sqrt{3}$
3.  $\frac{27}{4}$
4.  $6\sqrt{70}$
5.  $18\sqrt{7}$
6. 8
7.  $-6\sqrt{2} + 9$
8. 48
9.  $8\sqrt{5} + 18$
10.  $4\sqrt{11}$
11.  $6\sqrt{2}$
12. 56

**Document No. SQQ11088**

1. 30
2.  $\frac{2}{3}$
3.  $13\sqrt{11}$
4.  $-4\sqrt{3} + 7$
5.  $-2\sqrt{35} + 12$
6.  $14\sqrt{10}$
7.  $30\sqrt{2}$
8.  $23\sqrt{2}$
9.  $\sqrt{11}$
10.  $-4\sqrt{10} + 13$
11.  $2\sqrt{10} + 7$
12.  $\frac{3\sqrt{2}}{4}$

**Document No. SQQ11089**

1.  $-2\sqrt{30} + 11$
2.  $-8\sqrt{6} + 20$
3.  $8\sqrt{14}$
4.  $5\sqrt{6}$
5.  $8\sqrt{6}$
6.  $15\sqrt{10}$
7.  $15\sqrt{7}$

8. 96
9.  $14\sqrt{11}$
10.  $\frac{\sqrt{10}}{4}$
11.  $\frac{\sqrt{6}}{2}$
12. 4

**Document No. SQQ11090**

1.  $-8\sqrt{5} + 18$
2.  $-2\sqrt{2}$
3.  $12\sqrt{2} + 17$
4.  $\frac{7}{2}$
5. 44
6.  $11\sqrt{10}$
7. 6
8.  $\sqrt{10}$
9. 40
10.  $-10\sqrt{11}$
11. 40
12. 30

**Document No. SQQ11091**

1.  $-4\sqrt{21} + 19$
2. 60
3. 90
4. 70
5.  $-2\sqrt{2}$
6.  $-5\sqrt{15}$
7.  $\frac{\sqrt{21}}{3}$
8.  $19\sqrt{15}$
9.  $10\sqrt{30}$
10.  $\frac{11}{9}$
11.  $\frac{\sqrt{7}}{3}$
12.  $-12\sqrt{3} + 21$

**Document No. SQQ11092**

1.  $-2\sqrt{66} + 17$
2.  $-7\sqrt{13}$
3. 33
4.  $14\sqrt{11}$
5.  $\sqrt{2}$
6.  $\frac{2\sqrt{3}}{3}$
7.  $20\sqrt{10}$
8.  $\frac{3\sqrt{2}}{4}$
9.  $22\sqrt{5}$
10.  $\frac{2}{11}$
11.  $21\sqrt{7}$

12.  $\sqrt{2}$

**Document No. SQQ11093**

1.  $6\sqrt{10} + 19$
2.  $-4\sqrt{15} + 17$
3.  $\frac{2}{3}$
4.  $12\sqrt{30}$
5. 30
6. 132
7.  $-6\sqrt{3} + 12$
8.  $\frac{4}{9}$
9.  $\frac{12}{5}$
10.  $4\sqrt{33} + 23$
11.  $\frac{\sqrt{14}}{7}$
12.  $\frac{\sqrt{77}}{7}$

**Document No. SQQ11094**

1. 16
2. 30
3.  $7\sqrt{66}$
4.  $\frac{\sqrt{2}}{2}$
5.  $\frac{10}{7}$
6.  $6\sqrt{15}$
7.  $-\sqrt{2}$
8.  $8\sqrt{2} + 12$
9.  $-4\sqrt{2}$
10.  $7\sqrt{21}$
11.  $2\sqrt{14} + 9$
12. 96

**Document No. SQQ11095**

1.  $-6\sqrt{2} + 9$
2.  $24\sqrt{3}$
3.  $10\sqrt{6}$
4. 6
5. 12
6.  $-6\sqrt{5}$
7.  $\frac{\sqrt{2}}{2}$
8.  $10\sqrt{3}$
9.  $2\sqrt{35} + 12$
10.  $13\sqrt{5}$
11.  $6\sqrt{2} + 9$
12.  $3\sqrt{66}$

**Document No. SQQ11096**

1.  $\frac{\sqrt{14}}{4}$

2.  $-4\sqrt{6} + 10$

3. 36
4.  $\frac{1}{2}$
5.  $-4\sqrt{7}$
6.  $14\sqrt{13}$
7.  $12\sqrt{6}$
8.  $2\sqrt{2}$
9.  $11\sqrt{6}$
10.  $\frac{\sqrt{2}}{3}$
11.  $2\sqrt{13}$
12. 20

**Document No. SQQ11097**

1. 45
2.  $-8\sqrt{3} + 16$
3.  $9\sqrt{15}$
4.  $5\sqrt{5}$
5.  $-4\sqrt{15} + 17$
6.  $\sqrt{7}$
7.  $\frac{9}{2}$
8.  $7\sqrt{11}$
9.  $22\sqrt{11}$
10. 18
11.  $-10\sqrt{2} + 15$
12.  $\frac{\sqrt{3}}{2}$

**Document No. SQQ11098**

1.  $-8\sqrt{6} + 20$
2.  $11\sqrt{2}$
3. 77
4.  $11\sqrt{7}$
5. 88
6. 18
7. 3
8.  $-\sqrt{13}$
9.  $4\sqrt{11}$
10.  $-4\sqrt{5} + 12$
11.  $24\sqrt{6}$
12.  $7\sqrt{70}$

**Document No. SQQ11099**

1. 24
2.  $\frac{10}{9}$
3.  $\frac{3}{5}$
4.  $9\sqrt{11}$
5.  $11\sqrt{10}$

6.  $\frac{\sqrt{14}}{4}$
7.  $12\sqrt{2}$
8.  $2\sqrt{6}$
9. 110
10.  $\frac{11}{6}$
11.  $30\sqrt{2}$
12.  $10\sqrt{33}$

**Document No. SQQ11100**

1. 20
2.  $-4\sqrt{10} + 13$
3.  $\sqrt{3}$
4.  $4\sqrt{7} + 11$
5.  $-4\sqrt{6} + 10$
6.  $-4\sqrt{2} + 6$
7.  $\frac{\sqrt{30}}{6}$
8.  $2\sqrt{6} + 5$
9. 12
10. 2
11. 12
12. 56