

Evaluate the log.

Document No.LEB8557001

1. $\log_8 \frac{1}{32} =$

7. $\log_4 64 =$

2. $\log_{27} 27 =$

8. $\log_{343} \frac{1}{\sqrt{343}} =$

3. $\log_{27} 27 =$

9. $\log_{64} \frac{1}{64} =$

4. $\log_{625} \frac{1}{625} =$

10. $\log_{216} 216 =$

5. $\log_{64} \frac{1}{64} =$

11. $\log_{\frac{1}{49}} 49 =$

6. $\log_{625} 125 =$

12. $\log_{625} 25 =$

Evaluate the log.

Document No.LEB8557002

1. $\log_{49} \sqrt[3]{49} =$

7. $\log_{256} \frac{1}{4} =$

2. $\log_{125} \frac{1}{\sqrt{625}} =$

8. $\log_9 81 =$

3. $\log_{625} \frac{1}{\sqrt[3]{125}} =$

9. $\log_{36} \frac{1}{6} =$

4. $\log_{64} \frac{1}{4} =$

10. $\log_{27} \sqrt[3]{3} =$

5. $\log_9 \frac{1}{3} =$

11. $\log_{128} \frac{1}{128} =$

6. $\log_9 \frac{1}{243} =$

12. $\log_{\frac{1}{8}} 8 =$

Evaluate the log.

Document No.LEB8557003

1. $\log_9 \frac{1}{\sqrt[3]{9}} =$

7. $\log_4 2 =$

2. $\log_8 2 =$

8. $\log_{16} \frac{1}{16} =$

3. $\log_{\frac{1}{81}} 9 =$

9. $\log_{125} 125 =$

4. $\log_8 \frac{1}{32} =$

10. $\log_{32} 16 =$

5. $\log_{\frac{1}{25}} 125 =$

11. $\log_{\frac{1}{49}} 343 =$

6. $\log_{16} \frac{1}{4} =$

12. $\log_{\frac{1}{625}} 125 =$

Evaluate the log.

Document No.LEB8557004

1. $\log_{256} 4 =$

7. $\log_{64} \frac{1}{\sqrt[3]{16}} =$

2. $\log_{49} 49 =$

8. $\log_8 32 =$

3. $\log_{243} \frac{1}{27} =$

9. $\log_{243} 27 =$

4. $\log_{27} 9 =$

10. $\log_{343} \frac{1}{49} =$

5. $\log_{343} \frac{1}{7} =$

11. $\log_{81} \frac{1}{\sqrt{9}} =$

6. $\log_{125} \frac{1}{625} =$

12. $\log_4 16 =$

Evaluate the log.

Document No.LEB8557005

1. $\log_{32} \sqrt{2} =$

7. $\log_{36} \frac{1}{\sqrt{6}} =$

2. $\log_9 81 =$

8. $\log_{27} 3 =$

3. $\log_{81} \frac{1}{\sqrt{3}} =$

9. $\log_4 \sqrt{4} =$

4. $\log_{81} \sqrt{27} =$

10. $\log_{\frac{1}{256}} 256 =$

5. $\log_{\frac{1}{81}} 27 =$

11. $\log_{64} \sqrt{4} =$

6. $\log_{49} 7 =$

12. $\log_8 \frac{1}{\sqrt[3]{64}} =$

Evaluate the log.

Document No.LEB8557006

1. $\log_9 \frac{1}{\sqrt[3]{3}} =$

7. $\log_{27} \sqrt[3]{243} =$

2. $\log_{\frac{1}{32}} 16 =$

8. $\log_{36} \sqrt{216} =$

3. $\log_{25} 125 =$

9. $\log_{64} \sqrt{64} =$

4. $\log_4 \sqrt{8} =$

10. $\log_{625} \frac{1}{25} =$

5. $\log_{343} 49 =$

11. $\log_{36} \frac{1}{\sqrt[3]{36}} =$

6. $\log_{27} 81 =$

12. $\log_{243} 243 =$

Evaluate the log.

Document No.LEB8557007

1. $\log_{625} 125 =$

7. $\log_{16} \frac{1}{4} =$

2. $\log_{16} 128 =$

8. $\log_{32} \sqrt[3]{2} =$

3. $\log_{256} 16 =$

9. $\log_{128} 4 =$

4. $\log_{36} \frac{1}{36} =$

10. $\log_{25} 25 =$

5. $\log_{49} \frac{1}{49} =$

11. $\log_{\frac{1}{16}} 16 =$

6. $\log_{16} \frac{1}{128} =$

12. $\log_{243} 243 =$

Evaluate the log.

Document No.LEB8557008

1. $\log_{125} \frac{1}{5} =$

7. $\log_{64} 16 =$

2. $\log_{216} \frac{1}{216} =$

8. $\log_{625} \frac{1}{25} =$

3. $\log_{216} \frac{1}{6} =$

9. $\log_4 \frac{1}{\sqrt{64}} =$

4. $\log_{\frac{1}{16}} 2 =$

10. $\log_{\frac{1}{8}} 128 =$

5. $\log_{128} \frac{1}{\sqrt[3]{128}} =$

11. $\log_{\frac{1}{256}} 16 =$

6. $\log_9 \frac{1}{\sqrt[3]{81}} =$

12. $\log_{343} 7 =$

Evaluate the log.

Document No.LEB8557009

1. $\log_{25} 125 =$

7. $\log_{243} \frac{1}{81} =$

2. $\log_{128} \frac{1}{2} =$

8. $\log_{125} \frac{1}{\sqrt{125}} =$

3. $\log_{343} 7 =$

9. $\log_{125} 25 =$

4. $\log_{128} 16 =$

10. $\log_{128} \frac{1}{2} =$

5. $\log_{25} 625 =$

11. $\log_{64} \frac{1}{\sqrt[3]{8}} =$

6. $\log_{625} \frac{1}{625} =$

12. $\log_{27} 81 =$

Evaluate the log.

Document No.LEB8557010

1. $\log_{64} \frac{1}{\sqrt{2}} =$

7. $\log_{\frac{1}{128}} 4 =$

2. $\log_{16} \sqrt{2} =$

8. $\log_{256} \frac{1}{16} =$

3. $\log_{32} \frac{1}{\sqrt[3]{2}} =$

9. $\log_{81} \frac{1}{3} =$

4. $\log_{343} \frac{1}{7} =$

10. $\log_{125} \frac{1}{\sqrt[3]{125}} =$

5. $\log_{125} \sqrt{25} =$

11. $\log_{64} 256 =$

6. $\log_8 \sqrt{4} =$

12. $\log_8 \sqrt[3]{128} =$

Evaluate the log.

Document No.LEB8557011

1. $\log_{\frac{1}{16}} 128 =$

7. $\log_{81} 9 =$

2. $\log_{64} \sqrt{2} =$

8. $\log_9 \sqrt[3]{243} =$

3. $\log_9 \sqrt[3]{3} =$

9. $\log_{\frac{1}{343}} 49 =$

4. $\log_{\frac{1}{16}} 16 =$

10. $\log_{49} 7 =$

5. $\log_{216} 6 =$

11. $\log_{243} \frac{1}{\sqrt{81}} =$

6. $\log_4 \frac{1}{32} =$

12. $\log_{32} \frac{1}{\sqrt{8}} =$

Evaluate the log.

Document No.LEB8557012

1. $\log_{\frac{1}{4}} 32 =$

7. $\log_{27} 243 =$

2. $\log_{\frac{1}{128}} 2 =$

8. $\log_{81} \frac{1}{81} =$

3. $\log_9 \frac{1}{9} =$

9. $\log_{125} \frac{1}{5} =$

4. $\log_{243} \frac{1}{\sqrt{9}} =$

10. $\log_{16} \sqrt[3]{32} =$

5. $\log_{256} \frac{1}{16} =$

11. $\log_{16} \sqrt{32} =$

6. $\log_{16} 64 =$

12. $\log_{\frac{1}{243}} 3 =$

Evaluate the log.

Document No.LEB8557013

1. $\log_{25} \frac{1}{25} =$

7. $\log_{243} 243 =$

2. $\log_9 81 =$

8. $\log_{\frac{1}{64}} 128 =$

3. $\log_{243} \frac{1}{3} =$

9. $\log_{25} \frac{1}{\sqrt[3]{625}} =$

4. $\log_{81} 243 =$

10. $\log_4 \sqrt[3]{2} =$

5. $\log_{256} \frac{1}{256} =$

11. $\log_{256} \frac{1}{16} =$

6. $\log_{243} 3 =$

12. $\log_{36} \sqrt{216} =$

Evaluate the log.

Document No.LEB8557014

1. $\log_{216} \frac{1}{36} =$

7. $\log_{81} \sqrt{9} =$

2. $\log_{27} 3 =$

8. $\log_{625} 5 =$

3. $\log_{625} \sqrt[3]{25} =$

9. $\log_{25} 5 =$

4. $\log_{32} 32 =$

10. $\log_8 \frac{1}{128} =$

5. $\log_{\frac{1}{25}} 25 =$

11. $\log_{64} 16 =$

6. $\log_{\frac{1}{9}} 81 =$

12. $\log_{27} \frac{1}{\sqrt{81}} =$

Evaluate the log.

Document No.LEB8557015

1. $\log_9 \sqrt[3]{243} =$

7. $\log_{256} \frac{1}{\sqrt[3]{64}} =$

2. $\log_{216} 6 =$

8. $\log_{\frac{1}{216}} 36 =$

3. $\log_{625} 5 =$

9. $\log_{36} \frac{1}{\sqrt{36}} =$

4. $\log_{\frac{1}{32}} 8 =$

10. $\log_{27} \frac{1}{81} =$

5. $\log_{27} \sqrt{9} =$

11. $\log_{49} \frac{1}{\sqrt[3]{7}} =$

6. $\log_{\frac{1}{27}} 3 =$

12. $\log_{\frac{1}{256}} 16 =$

Evaluate the log.

Document No.LEB8557016

1. $\log_{343} \frac{1}{49} =$

7. $\log_9 \frac{1}{3} =$

2. $\log_{64} \sqrt[3]{16} =$

8. $\log_{\frac{1}{125}} 25 =$

3. $\log_{16} \frac{1}{128} =$

9. $\log_{16} \sqrt[3]{4} =$

4. $\log_9 \sqrt{243} =$

10. $\log_{216} \sqrt[3]{36} =$

5. $\log_{343} 343 =$

11. $\log_{32} \sqrt[3]{32} =$

6. $\log_{243} \frac{1}{81} =$

12. $\log_{64} \frac{1}{16} =$

Evaluate the log.

Document No.LEB8557017

1. $\log_{\frac{1}{27}} 243 =$

7. $\log_{64} \sqrt[3]{256} =$

2. $\log_{64} \frac{1}{4} =$

8. $\log_{27} 81 =$

3. $\log_{49} 49 =$

9. $\log_{16} \sqrt{64} =$

4. $\log_{216} 216 =$

10. $\log_{16} \frac{1}{8} =$

5. $\log_{49} \sqrt{7} =$

11. $\log_{\frac{1}{32}} 128 =$

6. $\log_{81} \frac{1}{243} =$

12. $\log_{243} \frac{1}{9} =$

Evaluate the log.

Document No.LEB8557018

1. $\log_{243} \frac{1}{9} =$

7. $\log_{625} \frac{1}{5} =$

2. $\log_{49} \frac{1}{49} =$

8. $\log_{16} \frac{1}{\sqrt{16}} =$

3. $\log_{216} \frac{1}{216} =$

9. $\log_{\frac{1}{9}} 3 =$

4. $\log_{256} \frac{1}{16} =$

10. $\log_{243} 81 =$

5. $\log_{32} \frac{1}{16} =$

11. $\log_{216} \sqrt[3]{216} =$

6. $\log_{64} \sqrt[3]{4} =$

12. $\log_{16} \frac{1}{16} =$

Evaluate the log.

Document No.LEB8557019

1. $\log_{64} 4 =$

7. $\log_{243} 243 =$

2. $\log_{216} \frac{1}{36} =$

8. $\log_{16} 4 =$

3. $\log_{216} \frac{1}{216} =$

9. $\log_{25} \frac{1}{\sqrt{5}} =$

4. $\log_{\frac{1}{243}} 9 =$

10. $\log_{\frac{1}{256}} 256 =$

5. $\log_{625} \frac{1}{25} =$

11. $\log_{27} \frac{1}{27} =$

6. $\log_{81} \frac{1}{3} =$

12. $\log_{32} \frac{1}{\sqrt[3]{16}} =$

Evaluate the log.

Document No.LEB8557020

1. $\log_{\frac{1}{256}} 16 =$

7. $\log_{49} \sqrt{7} =$

2. $\log_{64} \frac{1}{64} =$

8. $\log_{\frac{1}{36}} 6 =$

3. $\log_{625} 625 =$

9. $\log_{36} 216 =$

4. $\log_{\frac{1}{64}} 4 =$

10. $\log_{243} \frac{1}{27} =$

5. $\log_{64} \frac{1}{256} =$

11. $\log_{64} \frac{1}{\sqrt{4}} =$

6. $\log_{256} \frac{1}{256} =$

12. $\log_{16} \frac{1}{64} =$

Evaluate the log.

Document No.LEB8557021

1. $\log_{32} \frac{1}{32} =$

7. $\log_{343} 7 =$

2. $\log_{128} \sqrt[3]{128} =$

8. $\log_{128} \frac{1}{\sqrt[3]{4}} =$

3. $\log_{36} \frac{1}{36} =$

9. $\log_{36} \frac{1}{\sqrt{36}} =$

4. $\log_{\frac{1}{64}} 4 =$

10. $\log_{\frac{1}{4}} 8 =$

5. $\log_{\frac{1}{625}} 5 =$

11. $\log_{49} \sqrt{343} =$

6. $\log_{16} 64 =$

12. $\log_{216} \frac{1}{\sqrt[3]{216}} =$

Evaluate the log.

Document No.LEB8557022

1. $\log_{343} \frac{1}{\sqrt[3]{49}} =$

7. $\log_{\frac{1}{25}} 5 =$

2. $\log_4 128 =$

8. $\log_{36} \frac{1}{36} =$

3. $\log_{64} \frac{1}{128} =$

9. $\log_{25} \sqrt[3]{5} =$

4. $\log_{\frac{1}{27}} 243 =$

10. $\log_8 \sqrt{8} =$

5. $\log_{\frac{1}{125}} 5 =$

11. $\log_{343} \sqrt[3]{343} =$

6. $\log_{27} \frac{1}{9} =$

12. $\log_{36} \frac{1}{36} =$

Evaluate the log.

Document No.LEB8557023

1. $\log_4 \frac{1}{8} =$

7. $\log_4 \frac{1}{32} =$

2. $\log_{36} \frac{1}{\sqrt{216}} =$

8. $\log_{36} \sqrt[3]{6} =$

3. $\log_{243} \frac{1}{27} =$

9. $\log_{216} \frac{1}{36} =$

4. $\log_{\frac{1}{27}} 9 =$

10. $\log_{27} 9 =$

5. $\log_{64} \sqrt{256} =$

11. $\log_{\frac{1}{32}} 16 =$

6. $\log_{49} 7 =$

12. $\log_{36} \sqrt[3]{216} =$

Evaluate the log.

Document No.LEB8557024

1. $\log_{128} 16 =$

7. $\log_8 \frac{1}{\sqrt[3]{128}} =$

2. $\log_{243} \frac{1}{81} =$

8. $\log_{625} \frac{1}{125} =$

3. $\log_{216} \frac{1}{6} =$

9. $\log_{243} 81 =$

4. $\log_{343} \frac{1}{49} =$

10. $\log_{64} 4 =$

5. $\log_{36} 6 =$

11. $\log_{64} 16 =$

6. $\log_{64} \frac{1}{256} =$

12. $\log_{128} 8 =$

Evaluate the log.

Document No.LEB8557025

1. $\log_{\frac{1}{128}} 8 =$

7. $\log_{25} 125 =$

2. $\log_9 \sqrt{9} =$

8. $\log_{343} \frac{1}{7} =$

3. $\log_{81} \sqrt[3]{243} =$

9. $\log_{81} 81 =$

4. $\log_{36} 6 =$

10. $\log_{243} 27 =$

5. $\log_{32} \frac{1}{\sqrt[3]{128}} =$

11. $\log_{625} \frac{1}{25} =$

6. $\log_{36} \sqrt{6} =$

12. $\log_4 2 =$

Evaluate the log.

Document No.LEB8557026

1. $\log_9 243 =$

7. $\log_{16} \sqrt[3]{8} =$

2. $\log_{32} \frac{1}{16} =$

8. $\log_{128} \sqrt[3]{2} =$

3. $\log_{49} \sqrt[3]{7} =$

9. $\log_{27} \frac{1}{81} =$

4. $\log_4 \frac{1}{64} =$

10. $\log_{64} 8 =$

5. $\log_{16} \frac{1}{64} =$

11. $\log_{49} 343 =$

6. $\log_{243} \sqrt[3]{9} =$

12. $\log_{625} 625 =$

Evaluate the log.

Document No.LEB8557027

1. $\log_{343} \frac{1}{343} =$

7. $\log_9 \sqrt[3]{3} =$

2. $\log_{36} \frac{1}{36} =$

8. $\log_{128} \frac{1}{\sqrt{16}} =$

3. $\log_{27} \frac{1}{27} =$

9. $\log_{36} 6 =$

4. $\log_9 \sqrt[3]{3} =$

10. $\log_8 2 =$

5. $\log_{81} \frac{1}{27} =$

11. $\log_{625} \frac{1}{5} =$

6. $\log_{49} \sqrt{7} =$

12. $\log_{49} \frac{1}{7} =$

Evaluate the log.

Document No.LEB8557028

1. $\log_{36} \frac{1}{\sqrt[3]{216}} =$

7. $\log_8 \frac{1}{\sqrt[3]{64}} =$

2. $\log_4 \sqrt{32} =$

8. $\log_{16} \sqrt{256} =$

3. $\log_{16} 256 =$

9. $\log_{256} 4 =$

4. $\log_{128} 32 =$

10. $\log_{625} \frac{1}{\sqrt{625}} =$

5. $\log_{64} \frac{1}{16} =$

11. $\log_{243} \sqrt[3]{3} =$

6. $\log_{125} 25 =$

12. $\log_{49} 7 =$

Evaluate the log.

Document No.LEB8557029

1. $\log_9 \frac{1}{\sqrt{3}} =$

7. $\log_{\frac{1}{128}} 32 =$

2. $\log_{256} \frac{1}{16} =$

8. $\log_{625} 25 =$

3. $\log_{243} \frac{1}{\sqrt[3]{9}} =$

9. $\log_{625} \frac{1}{25} =$

4. $\log_{16} \frac{1}{64} =$

10. $\log_{625} \frac{1}{\sqrt[3]{25}} =$

5. $\log_{243} \frac{1}{81} =$

11. $\log_{343} \frac{1}{343} =$

6. $\log_{32} \frac{1}{2} =$

12. $\log_{128} 32 =$

Evaluate the log.

Document No.LEB8557030

1. $\log_{125} \frac{1}{5} =$

7. $\log_8 \frac{1}{\sqrt[3]{2}} =$

2. $\log_{256} \frac{1}{\sqrt[3]{64}} =$

8. $\log_{64} \frac{1}{16} =$

3. $\log_{343} 7 =$

9. $\log_{125} \frac{1}{\sqrt{625}} =$

4. $\log_{81} \frac{1}{243} =$

10. $\log_{256} 64 =$

5. $\log_{256} \sqrt{16} =$

11. $\log_4 \sqrt{128} =$

6. $\log_{32} 2 =$

12. $\log_{128} \frac{1}{64} =$

Evaluate the log.

Document No.LEB8557031

1. $\log_{16} \sqrt{256} =$

7. $\log_{25} 125 =$

2. $\log_{16} 64 =$

8. $\log_{36} \frac{1}{6} =$

3. $\log_{256} \frac{1}{\sqrt[3]{4}} =$

9. $\log_9 \frac{1}{\sqrt[3]{81}} =$

4. $\log_{\frac{1}{4}} 2 =$

10. $\log_{\frac{1}{81}} 27 =$

5. $\log_{36} \frac{1}{6} =$

11. $\log_8 \frac{1}{\sqrt{4}} =$

6. $\log_{36} 6 =$

12. $\log_{128} \frac{1}{\sqrt[3]{32}} =$

Evaluate the log.

Document No.LEB8557032

1. $\log_{\frac{1}{64}} 16 =$

7. $\log_{16} \frac{1}{\sqrt[3]{256}} =$

2. $\log_{25} 25 =$

8. $\log_8 \sqrt[3]{128} =$

3. $\log_{\frac{1}{64}} 4 =$

9. $\log_{625} \frac{1}{5} =$

4. $\log_{128} 128 =$

10. $\log_{16} \frac{1}{\sqrt{4}} =$

5. $\log_{25} \frac{1}{125} =$

11. $\log_{49} \sqrt{343} =$

6. $\log_{64} \frac{1}{4} =$

12. $\log_{\frac{1}{36}} 216 =$

Evaluate the log.

Document No.LEB8557033

1. $\log_{16} \frac{1}{64} =$

7. $\log_{64} 128 =$

2. $\log_{36} \frac{1}{36} =$

8. $\log_{\frac{1}{16}} 32 =$

3. $\log_{\frac{1}{9}} 243 =$

9. $\log_{256} \frac{1}{16} =$

4. $\log_{\frac{1}{9}} 9 =$

10. $\log_{343} \frac{1}{7} =$

5. $\log_{81} \sqrt{81} =$

11. $\log_4 \frac{1}{4} =$

6. $\log_{25} 25 =$

12. $\log_{16} 32 =$

Evaluate the log.

Document No.LEB8557034

1. $\log_{125} \frac{1}{125} =$

7. $\log_{49} \sqrt{343} =$

2. $\log_{216} 216 =$

8. $\log_{16} \frac{1}{64} =$

3. $\log_{81} 81 =$

9. $\log_{32} \frac{1}{\sqrt{8}} =$

4. $\log_{49} 7 =$

10. $\log_{343} \sqrt[3]{49} =$

5. $\log_{\frac{1}{16}} 2 =$

11. $\log_{16} \frac{1}{4} =$

6. $\log_{128} 8 =$

12. $\log_9 \frac{1}{3} =$

Evaluate the log.

Document No.LEB8557035

1. $\log_{\frac{1}{9}} 27 =$

7. $\log_8 4 =$

2. $\log_{625} 5 =$

8. $\log_{125} \frac{1}{5} =$

3. $\log_{\frac{1}{25}} 125 =$

9. $\log_9 9 =$

4. $\log_{625} \frac{1}{5} =$

10. $\log_{81} 81 =$

5. $\log_{32} \frac{1}{\sqrt{8}} =$

11. $\log_{64} \sqrt{64} =$

6. $\log_{64} \frac{1}{4} =$

12. $\log_{128} 8 =$

Evaluate the log.

Document No.LEB8557036

1. $\log_{125} \frac{1}{5} =$

7. $\log_{16} 16 =$

2. $\log_{36} \frac{1}{36} =$

8. $\log_{216} \frac{1}{\sqrt[3]{6}} =$

3. $\log_{16} \frac{1}{\sqrt[3]{16}} =$

9. $\log_{49} \frac{1}{343} =$

4. $\log_{343} 49 =$

10. $\log_{\frac{1}{125}} 625 =$

5. $\log_{27} \sqrt{3} =$

11. $\log_8 \frac{1}{128} =$

6. $\log_{16} \frac{1}{256} =$

12. $\log_{27} \frac{1}{\sqrt[3]{9}} =$

Evaluate the log.

Document No.LEB8557037

1. $\log_{25} \frac{1}{\sqrt{5}} =$

7. $\log_{36} 216 =$

2. $\log_{\frac{1}{243}} 81 =$

8. $\log_{\frac{1}{36}} 36 =$

3. $\log_{16} \frac{1}{4} =$

9. $\log_{64} \frac{1}{16} =$

4. $\log_{16} 8 =$

10. $\log_{343} \frac{1}{\sqrt{49}} =$

5. $\log_{\frac{1}{128}} 128 =$

11. $\log_{81} \sqrt[3]{243} =$

6. $\log_{343} 49 =$

12. $\log_{\frac{1}{125}} 625 =$

Evaluate the log.

Document No.LEB8557038

1. $\log_{27} \frac{1}{\sqrt{9}} =$

7. $\log_{243} \frac{1}{243} =$

2. $\log_{25} 125 =$

8. $\log_{16} 64 =$

3. $\log_{625} \sqrt{625} =$

9. $\log_{16} \frac{1}{16} =$

4. $\log_{64} 128 =$

10. $\log_{81} 81 =$

5. $\log_{216} \sqrt[3]{216} =$

11. $\log_{36} \frac{1}{36} =$

6. $\log_{32} 128 =$

12. $\log_{64} \frac{1}{4} =$

Evaluate the log.

Document No.LEB8557039

1. $\log_{343} \frac{1}{\sqrt{49}} =$

7. $\log_{36} 36 =$

2. $\log_{216} \frac{1}{6} =$

8. $\log_{216} 216 =$

3. $\log_{25} \frac{1}{625} =$

9. $\log_{\frac{1}{4}} 32 =$

4. $\log_{343} 343 =$

10. $\log_{64} \frac{1}{16} =$

5. $\log_9 3 =$

11. $\log_4 \sqrt{4} =$

6. $\log_{\frac{1}{8}} 16 =$

12. $\log_{243} \frac{1}{81} =$

Evaluate the log.

Document No.LEB8557040

1. $\log_{343} \frac{1}{\sqrt[3]{7}} =$

7. $\log_{243} \frac{1}{9} =$

2. $\log_{216} 216 =$

8. $\log_{\frac{1}{128}} 128 =$

3. $\log_{36} 36 =$

9. $\log_9 \frac{1}{\sqrt{81}} =$

4. $\log_9 \frac{1}{27} =$

10. $\log_{125} \frac{1}{25} =$

5. $\log_{16} \sqrt{8} =$

11. $\log_{\frac{1}{243}} 27 =$

6. $\log_9 9 =$

12. $\log_{32} 16 =$

Evaluate the log.

Document No.LEB8557041

1. $\log_{25} \frac{1}{625} =$

7. $\log_{\frac{1}{256}} 16 =$

2. $\log_8 \sqrt[3]{128} =$

8. $\log_{625} \frac{1}{125} =$

3. $\log_{49} \frac{1}{\sqrt[3]{49}} =$

9. $\log_9 81 =$

4. $\log_{125} 125 =$

10. $\log_{243} \sqrt{81} =$

5. $\log_{64} \frac{1}{\sqrt[3]{64}} =$

11. $\log_{125} 125 =$

6. $\log_{243} \frac{1}{\sqrt[3]{9}} =$

12. $\log_{\frac{1}{243}} 81 =$

Evaluate the log.

Document No.LEB8557042

1. $\log_{216} \sqrt{36} =$

7. $\log_{36} \frac{1}{\sqrt{36}} =$

2. $\log_{\frac{1}{243}} 3 =$

8. $\log_4 \frac{1}{8} =$

3. $\log_{256} \frac{1}{\sqrt[3]{16}} =$

9. $\log_{32} \frac{1}{64} =$

4. $\log_{16} 128 =$

10. $\log_{81} \frac{1}{\sqrt{9}} =$

5. $\log_{16} 256 =$

11. $\log_9 \frac{1}{3} =$

6. $\log_{49} \sqrt{49} =$

12. $\log_{25} \sqrt{25} =$

Evaluate the log.

Document No.LEB8557043

1. $\log_{216} \frac{1}{216} =$

7. $\log_{32} 32 =$

2. $\log_{36} \frac{1}{36} =$

8. $\log_{36} 36 =$

3. $\log_{625} \sqrt[3]{25} =$

9. $\log_{625} 625 =$

4. $\log_9 \sqrt{3} =$

10. $\log_8 \sqrt{4} =$

5. $\log_{25} \frac{1}{\sqrt[3]{125}} =$

11. $\log_4 \frac{1}{2} =$

6. $\log_{\frac{1}{4}} 4 =$

12. $\log_{216} \frac{1}{\sqrt[3]{216}} =$

Evaluate the log.

Document No.LEB8557044

1. $\log_{216} \frac{1}{36} =$

7. $\log_{256} \frac{1}{4} =$

2. $\log_{256} 256 =$

8. $\log_{36} \frac{1}{216} =$

3. $\log_{216} \frac{1}{6} =$

9. $\log_{49} 343 =$

4. $\log_{25} 5 =$

10. $\log_{49} 49 =$

5. $\log_{\frac{1}{8}} 128 =$

11. $\log_{256} \frac{1}{16} =$

6. $\log_{16} \frac{1}{64} =$

12. $\log_{125} \frac{1}{125} =$

Evaluate the log.

Document No.LEB8557045

1. $\log_{256} \sqrt[3]{4} =$

7. $\log_{128} \frac{1}{2} =$

2. $\log_4 32 =$

8. $\log_{216} \frac{1}{216} =$

3. $\log_{\frac{1}{625}} 25 =$

9. $\log_{256} 4 =$

4. $\log_{128} 8 =$

10. $\log_{49} 7 =$

5. $\log_{\frac{1}{125}} 125 =$

11. $\log_{243} 81 =$

6. $\log_{243} 3 =$

12. $\log_{343} \frac{1}{\sqrt[3]{7}} =$

Evaluate the log.

Document No.LEB8557046

1. $\log_{\frac{1}{27}} 81 =$

7. $\log_{256} \frac{1}{\sqrt{16}} =$

2. $\log_{\frac{1}{4}} 64 =$

8. $\log_{128} \frac{1}{16} =$

3. $\log_{81} 243 =$

9. $\log_9 \sqrt{3} =$

4. $\log_{256} \frac{1}{\sqrt{64}} =$

10. $\log_{\frac{1}{343}} 49 =$

5. $\log_{343} \frac{1}{7} =$

11. $\log_{64} 16 =$

6. $\log_{128} 16 =$

12. $\log_{216} \sqrt{36} =$

Evaluate the log.

Document No.LEB8557047

1. $\log_4 8 =$

7. $\log_{216} \frac{1}{\sqrt[3]{216}} =$

2. $\log_{\frac{1}{25}} 125 =$

8. $\log_{25} 125 =$

3. $\log_{\frac{1}{343}} 7 =$

9. $\log_{36} \frac{1}{\sqrt{6}} =$

4. $\log_{\frac{1}{128}} 4 =$

10. $\log_{125} 5 =$

5. $\log_{36} \frac{1}{\sqrt[3]{36}} =$

11. $\log_{128} \frac{1}{\sqrt[3]{8}} =$

6. $\log_{27} \frac{1}{\sqrt{243}} =$

12. $\log_{\frac{1}{32}} 64 =$

Evaluate the log.

Document No.LEB8557048

1. $\log_8 \frac{1}{64} =$

7. $\log_{81} 243 =$

2. $\log_{343} 7 =$

8. $\log_{49} 343 =$

3. $\log_{\frac{1}{25}} 125 =$

9. $\log_{243} 27 =$

4. $\log_{343} \frac{1}{\sqrt{343}} =$

10. $\log_{\frac{1}{625}} 125 =$

5. $\log_{243} \sqrt{243} =$

11. $\log_{27} \frac{1}{\sqrt{243}} =$

6. $\log_{243} \frac{1}{\sqrt{3}} =$

12. $\log_{64} \frac{1}{\sqrt{8}} =$

Evaluate the log.

Document No.LEB8557049

1. $\log_{81} \frac{1}{27} =$

7. $\log_{27} 243 =$

2. $\log_{\frac{1}{4}} 128 =$

8. $\log_9 81 =$

3. $\log_{243} 3 =$

9. $\log_{343} \frac{1}{7} =$

4. $\log_{343} \frac{1}{\sqrt[3]{343}} =$

10. $\log_{243} \frac{1}{243} =$

5. $\log_{64} 256 =$

11. $\log_8 128 =$

6. $\log_{343} \frac{1}{\sqrt[3]{343}} =$

12. $\log_{16} 4 =$

Evaluate the log.

Document No.LEB8557050

1. $\log_{256} \frac{1}{256} =$

7. $\log_{32} \frac{1}{\sqrt{4}} =$

2. $\log_{343} 343 =$

8. $\log_{128} 4 =$

3. $\log_{\frac{1}{343}} 7 =$

9. $\log_4 \sqrt{128} =$

4. $\log_{16} 64 =$

10. $\log_{\frac{1}{16}} 64 =$

5. $\log_{243} \frac{1}{\sqrt[3]{27}} =$

11. $\log_{343} \frac{1}{49} =$

6. $\log_{16} \frac{1}{64} =$

12. $\log_{343} \frac{1}{343} =$

Evaluate the log.

Document No.LEB8557051

1. $\log_{256} \frac{1}{256} =$

7. $\log_{\frac{1}{625}} 25 =$

2. $\log_{32} \frac{1}{128} =$

8. $\log_{27} 243 =$

3. $\log_{16} \sqrt{4} =$

9. $\log_{16} \sqrt[3]{128} =$

4. $\log_{343} \sqrt[3]{7} =$

10. $\log_{32} \sqrt{2} =$

5. $\log_{27} \frac{1}{9} =$

11. $\log_{256} \frac{1}{16} =$

6. $\log_{343} 49 =$

12. $\log_8 64 =$

Evaluate the log.

Document No.LEB8557052

1. $\log_{49} \sqrt{7} =$

7. $\log_4 \frac{1}{16} =$

2. $\log_{32} \frac{1}{\sqrt[3]{32}} =$

8. $\log_{25} \frac{1}{\sqrt{625}} =$

3. $\log_{27} \frac{1}{3} =$

9. $\log_{27} 9 =$

4. $\log_{125} \frac{1}{25} =$

10. $\log_{625} 25 =$

5. $\log_{32} \frac{1}{2} =$

11. $\log_{343} \sqrt[3]{343} =$

6. $\log_{343} 7 =$

12. $\log_{125} \sqrt{125} =$

Evaluate the log.

Document No.LEB8557053

1. $\log_{27} 27 =$

7. $\log_{125} 125 =$

2. $\log_{343} \frac{1}{7} =$

8. $\log_{\frac{1}{128}} 64 =$

3. $\log_{\frac{1}{36}} 216 =$

9. $\log_{36} \frac{1}{\sqrt[3]{36}} =$

4. $\log_{343} \frac{1}{\sqrt{7}} =$

10. $\log_9 27 =$

5. $\log_{64} \frac{1}{4} =$

11. $\log_{\frac{1}{64}} 4 =$

6. $\log_{216} \frac{1}{216} =$

12. $\log_{64} \frac{1}{16} =$

Evaluate the log.

Document No.LEB8557054

1. $\log_{49} 49 =$

7. $\log_{\frac{1}{9}} 9 =$

2. $\log_{125} 5 =$

8. $\log_{64} 16 =$

3. $\log_{32} 4 =$

9. $\log_{\frac{1}{243}} 81 =$

4. $\log_{216} \sqrt[3]{36} =$

10. $\log_{49} 343 =$

5. $\log_{243} \sqrt[3]{81} =$

11. $\log_{64} \frac{1}{32} =$

6. $\log_{125} 625 =$

12. $\log_{16} \frac{1}{\sqrt{64}} =$

Evaluate the log.

Document No.LEB8557055

1. $\log_{81} \frac{1}{27} =$

7. $\log_4 8 =$

2. $\log_{25} \frac{1}{25} =$

8. $\log_{\frac{1}{16}} 256 =$

3. $\log_8 \frac{1}{128} =$

9. $\log_{32} \sqrt[3]{64} =$

4. $\log_{49} \frac{1}{343} =$

10. $\log_{16} \sqrt[3]{64} =$

5. $\log_8 \frac{1}{\sqrt[3]{32}} =$

11. $\log_{64} \frac{1}{\sqrt{64}} =$

6. $\log_{343} 49 =$

12. $\log_{49} 343 =$

Evaluate the log.

Document No.LEB8557056

1. $\log_{343} 49 =$

7. $\log_{27} \frac{1}{\sqrt{27}} =$

2. $\log_{64} 64 =$

8. $\log_{\frac{1}{27}} 27 =$

3. $\log_{16} \frac{1}{32} =$

9. $\log_{32} \sqrt{8} =$

4. $\log_{216} 6 =$

10. $\log_{216} \frac{1}{36} =$

5. $\log_{16} \sqrt[3]{4} =$

11. $\log_9 \frac{1}{\sqrt{243}} =$

6. $\log_{625} 25 =$

12. $\log_{16} \frac{1}{\sqrt[3]{8}} =$

Evaluate the log.

Document No.LEB8557057

1. $\log_{216} \frac{1}{216} =$

7. $\log_{216} \frac{1}{36} =$

2. $\log_{343} \frac{1}{49} =$

8. $\log_{64} \frac{1}{\sqrt[3]{2}} =$

3. $\log_{\frac{1}{256}} 16 =$

9. $\log_{25} 125 =$

4. $\log_{625} \frac{1}{125} =$

10. $\log_4 \frac{1}{16} =$

5. $\log_{128} \frac{1}{64} =$

11. $\log_{\frac{1}{16}} 128 =$

6. $\log_{343} 343 =$

12. $\log_{216} \frac{1}{6} =$

Evaluate the log.

Document No.LEB8557058

1. $\log_{81} \frac{1}{\sqrt{243}} =$

7. $\log_{32} \frac{1}{32} =$

2. $\log_{64} 4 =$

8. $\log_{\frac{1}{36}} 36 =$

3. $\log_{625} \frac{1}{\sqrt[3]{5}} =$

9. $\log_{343} 49 =$

4. $\log_{64} 128 =$

10. $\log_{216} \frac{1}{\sqrt[3]{6}} =$

5. $\log_{64} \frac{1}{4} =$

11. $\log_{125} 125 =$

6. $\log_{343} \frac{1}{343} =$

12. $\log_{81} 81 =$

Evaluate the log.

Document No.LEB8557059

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

7. $\log_{343} \sqrt{7} =$

2. $\log_4 32 =$

8. $\log_{49} \sqrt{7} =$

3. $\log_{64} \sqrt[3]{16} =$

9. $\log_{128} \frac{1}{128} =$

4. $\log_{\frac{1}{243}} 9 =$

10. $\log_{25} \sqrt{125} =$

5. $\log_{49} \frac{1}{\sqrt{7}} =$

11. $\log_9 \frac{1}{\sqrt[3]{9}} =$

6. $\log_{81} \sqrt[3]{9} =$

12. $\log_{343} \frac{1}{7} =$

Evaluate the log.

Document No.LEB8557060

1. $\log_{49} \frac{1}{49} =$

7. $\log_{25} \frac{1}{25} =$

2. $\log_{343} \sqrt{343} =$

8. $\log_{128} \frac{1}{\sqrt{16}} =$

3. $\log_{343} 343 =$

9. $\log_{49} \sqrt[3]{343} =$

4. $\log_{16} \frac{1}{\sqrt[3]{4}} =$

10. $\log_{216} 216 =$

5. $\log_{343} \frac{1}{\sqrt{343}} =$

11. $\log_{243} \sqrt[3]{81} =$

6. $\log_{625} \sqrt{5} =$

12. $\log_{16} 4 =$

Evaluate the log.

Document No.LEB8557061

1. $\log_{125} \frac{1}{5} =$

7. $\log_{243} 27 =$

2. $\log_{\frac{1}{343}} 49 =$

8. $\log_{16} 4 =$

3. $\log_{16} \frac{1}{\sqrt{2}} =$

9. $\log_8 16 =$

4. $\log_8 16 =$

10. $\log_{81} 3 =$

5. $\log_{216} \frac{1}{216} =$

11. $\log_4 \frac{1}{16} =$

6. $\log_{216} \sqrt{216} =$

12. $\log_{\frac{1}{25}} 625 =$

Evaluate the log.

Document No.LEB8557062

1. $\log_{\frac{1}{9}} 27 =$

7. $\log_{343} 49 =$

2. $\log_8 \frac{1}{\sqrt{64}} =$

8. $\log_{\frac{1}{16}} 16 =$

3. $\log_{25} \frac{1}{25} =$

9. $\log_{36} \frac{1}{36} =$

4. $\log_{\frac{1}{128}} 8 =$

10. $\log_{625} \frac{1}{5} =$

5. $\log_{\frac{1}{625}} 625 =$

11. $\log_{64} \frac{1}{16} =$

6. $\log_{343} 49 =$

12. $\log_{36} \frac{1}{36} =$

Evaluate the log.

Document No.LEB8557063

1. $\log_{343} \sqrt[3]{343} =$

7. $\log_{625} \frac{1}{125} =$

2. $\log_{\frac{1}{256}} 256 =$

8. $\log_{16} \sqrt{256} =$

3. $\log_{243} \sqrt{3} =$

9. $\log_{\frac{1}{8}} 32 =$

4. $\log_{36} \sqrt[3]{6} =$

10. $\log_{256} \frac{1}{\sqrt{4}} =$

5. $\log_{216} \sqrt[3]{6} =$

11. $\log_{\frac{1}{243}} 81 =$

6. $\log_{343} \frac{1}{\sqrt{343}} =$

12. $\log_{343} 7 =$

Evaluate the log.

Document No.LEB8557064

1. $\log_{81} 243 =$

7. $\log_{27} 9 =$

2. $\log_{216} 36 =$

8. $\log_{216} 6 =$

3. $\log_4 \frac{1}{4} =$

9. $\log_4 8 =$

4. $\log_{64} \frac{1}{16} =$

10. $\log_{\frac{1}{27}} 243 =$

5. $\log_4 \sqrt[3]{32} =$

11. $\log_{243} \frac{1}{\sqrt[3]{243}} =$

6. $\log_{216} \frac{1}{216} =$

12. $\log_{625} \sqrt{25} =$

Evaluate the log.

Document No.LEB8557065

1. $\log_{81} \frac{1}{\sqrt[3]{243}} =$

7. $\log_{\frac{1}{216}} 36 =$

2. $\log_{16} \frac{1}{4} =$

8. $\log_9 9 =$

3. $\log_{16} 64 =$

9. $\log_{36} \sqrt{36} =$

4. $\log_{16} \frac{1}{4} =$

10. $\log_{\frac{1}{81}} 9 =$

5. $\log_{343} \sqrt[3]{49} =$

11. $\log_4 \frac{1}{\sqrt[3]{16}} =$

6. $\log_{16} 4 =$

12. $\log_{125} \sqrt{5} =$

Evaluate the log.

Document No.LEB8557066

1. $\log_{49} \frac{1}{\sqrt[3]{343}} =$

7. $\log_{128} \frac{1}{32} =$

2. $\log_{216} \frac{1}{\sqrt{36}} =$

8. $\log_{49} 49 =$

3. $\log_{\frac{1}{625}} 5 =$

9. $\log_{49} \frac{1}{7} =$

4. $\log_{243} \frac{1}{\sqrt[3]{243}} =$

10. $\log_{343} \frac{1}{343} =$

5. $\log_{64} 16 =$

11. $\log_{25} \frac{1}{\sqrt{5}} =$

6. $\log_{27} \frac{1}{27} =$

12. $\log_{\frac{1}{49}} 343 =$

Evaluate the log.

Document No.LEB8557067

1. $\log_{625} \frac{1}{625} =$

7. $\log_{16} \frac{1}{256} =$

2. $\log_{25} \sqrt[3]{125} =$

8. $\log_{\frac{1}{16}} 4 =$

3. $\log_{36} 216 =$

9. $\log_{27} \frac{1}{243} =$

4. $\log_{\frac{1}{9}} 3 =$

10. $\log_{125} \frac{1}{5} =$

5. $\log_{\frac{1}{256}} 4 =$

11. $\log_{\frac{1}{128}} 32 =$

6. $\log_9 \sqrt[3]{9} =$

12. $\log_{16} \frac{1}{\sqrt[3]{8}} =$

Evaluate the log.

Document No.LEB8557068

1. $\log_4 4 =$

7. $\log_4 \frac{1}{8} =$

2. $\log_{16} \sqrt{64} =$

8. $\log_{\frac{1}{4}} 16 =$

3. $\log_{216} \frac{1}{6} =$

9. $\log_{81} \frac{1}{\sqrt[3]{81}} =$

4. $\log_{343} \frac{1}{343} =$

10. $\log_{256} \sqrt[3]{4} =$

5. $\log_9 \frac{1}{81} =$

11. $\log_8 \frac{1}{\sqrt{2}} =$

6. $\log_{49} 7 =$

12. $\log_{343} \frac{1}{49} =$

Evaluate the log.

Document No.LEB8557069

1. $\log_{128} 128 =$

7. $\log_4 \frac{1}{64} =$

2. $\log_{256} \frac{1}{\sqrt[3]{64}} =$

8. $\log_{625} \frac{1}{125} =$

3. $\log_{32} \frac{1}{128} =$

9. $\log_{125} 625 =$

4. $\log_{216} 36 =$

10. $\log_{\frac{1}{25}} 625 =$

5. $\log_{256} 64 =$

11. $\log_{243} \frac{1}{27} =$

6. $\log_{32} \sqrt{2} =$

12. $\log_{32} 8 =$

Evaluate the log.

Document No.LEB8557070

1. $\log_{125} \frac{1}{25} =$

7. $\log_{64} \frac{1}{\sqrt{16}} =$

2. $\log_{25} \frac{1}{5} =$

8. $\log_{81} 3 =$

3. $\log_{625} \frac{1}{\sqrt{25}} =$

9. $\log_{36} 36 =$

4. $\log_{16} \frac{1}{256} =$

10. $\log_{\frac{1}{81}} 27 =$

5. $\log_{\frac{1}{243}} 3 =$

11. $\log_{16} \sqrt{128} =$

6. $\log_{\frac{1}{16}} 256 =$

12. $\log_{27} \frac{1}{\sqrt[3]{81}} =$

Evaluate the log.

Document No.LEB8557071

1. $\log_9 \frac{1}{81} =$

7. $\log_{\frac{1}{9}} 9 =$

2. $\log_{\frac{1}{64}} 8 =$

8. $\log_{128} \frac{1}{64} =$

3. $\log_{\frac{1}{64}} 16 =$

9. $\log_{49} \frac{1}{49} =$

4. $\log_{\frac{1}{125}} 25 =$

10. $\log_{27} \frac{1}{27} =$

5. $\log_4 \frac{1}{32} =$

11. $\log_9 \sqrt{27} =$

6. $\log_{125} 625 =$

12. $\log_4 \frac{1}{\sqrt{4}} =$

Evaluate the log.

Document No.LEB8557072

1. $\log_8 4 =$

7. $\log_4 \frac{1}{\sqrt[3]{128}} =$

2. $\log_{64} 16 =$

8. $\log_9 27 =$

3. $\log_{32} \frac{1}{\sqrt{128}} =$

9. $\log_{243} 9 =$

4. $\log_{128} \frac{1}{\sqrt[3]{32}} =$

10. $\log_{125} \frac{1}{\sqrt{625}} =$

5. $\log_9 3 =$

11. $\log_{36} \frac{1}{6} =$

6. $\log_{243} 243 =$

12. $\log_9 3 =$

Evaluate the log.

Document No.LEB8557073

1. $\log_{81} \frac{1}{\sqrt[3]{27}} =$

7. $\log_{243} \frac{1}{27} =$

2. $\log_9 \sqrt{9} =$

8. $\log_{49} 343 =$

3. $\log_{32} 128 =$

9. $\log_{243} 81 =$

4. $\log_4 2 =$

10. $\log_{216} 36 =$

5. $\log_{81} \frac{1}{9} =$

11. $\log_{216} \sqrt{36} =$

6. $\log_{16} 16 =$

12. $\log_{25} \frac{1}{25} =$

Evaluate the log.

Document No.LEB8557074

1. $\log_{36} \frac{1}{\sqrt{216}} =$

7. $\log_{343} 343 =$

2. $\log_{\frac{1}{125}} 5 =$

8. $\log_{343} 343 =$

3. $\log_{216} 216 =$

9. $\log_{32} \sqrt[3]{4} =$

4. $\log_{27} \frac{1}{\sqrt[3]{27}} =$

10. $\log_{625} 5 =$

5. $\log_{\frac{1}{216}} 216 =$

11. $\log_{27} 243 =$

6. $\log_{\frac{1}{243}} 243 =$

12. $\log_{128} 64 =$

Evaluate the log.

Document No.LEB8557075

1. $\log_{\frac{1}{64}} 128 =$

7. $\log_4 \frac{1}{8} =$

2. $\log_{25} 125 =$

8. $\log_{\frac{1}{36}} 6 =$

3. $\log_{64} \frac{1}{\sqrt{256}} =$

9. $\log_{81} \frac{1}{\sqrt[3]{81}} =$

4. $\log_{\frac{1}{64}} 256 =$

10. $\log_{243} \frac{1}{81} =$

5. $\log_{125} \sqrt[3]{125} =$

11. $\log_{256} 256 =$

6. $\log_{256} \frac{1}{\sqrt[3]{256}} =$

12. $\log_{125} \frac{1}{125} =$

Evaluate the log.

Document No.LEB8557076

1. $\log_{\frac{1}{125}} 5 =$

7. $\log_{343} \frac{1}{49} =$

2. $\log_{128} 8 =$

8. $\log_{49} \frac{1}{7} =$

3. $\log_{27} \frac{1}{3} =$

9. $\log_{25} 625 =$

4. $\log_{27} \sqrt{9} =$

10. $\log_{27} 3 =$

5. $\log_{32} \frac{1}{64} =$

11. $\log_{343} \frac{1}{49} =$

6. $\log_{32} 32 =$

12. $\log_{25} \sqrt[3]{25} =$

Evaluate the log.

Document No.LEB8557077

1. $\log_{\frac{1}{49}} 343 =$

7. $\log_{16} \frac{1}{4} =$

2. $\log_{125} 625 =$

8. $\log_{216} \frac{1}{6} =$

3. $\log_{256} 4 =$

9. $\log_{256} \frac{1}{4} =$

4. $\log_{256} \frac{1}{16} =$

10. $\log_{\frac{1}{256}} 64 =$

5. $\log_{\frac{1}{216}} 6 =$

11. $\log_{16} 16 =$

6. $\log_{343} \sqrt[3]{7} =$

12. $\log_{81} \frac{1}{243} =$

Evaluate the log.

Document No.LEB8557078

1. $\log_{36} \frac{1}{6} =$

7. $\log_{27} \sqrt[3]{9} =$

2. $\log_{25} \frac{1}{625} =$

8. $\log_9 \frac{1}{9} =$

3. $\log_{49} \frac{1}{343} =$

9. $\log_{32} 32 =$

4. $\log_{49} \frac{1}{\sqrt[3]{49}} =$

10. $\log_{216} \sqrt[3]{216} =$

5. $\log_9 3 =$

11. $\log_{256} 4 =$

6. $\log_{\frac{1}{128}} 8 =$

12. $\log_{\frac{1}{8}} 128 =$

Evaluate the log.

Document No.LEB8557079

1. $\log_{64} \sqrt[3]{4} =$

7. $\log_{49} \frac{1}{343} =$

2. $\log_{64} \frac{1}{64} =$

8. $\log_{64} \frac{1}{32} =$

3. $\log_{625} \frac{1}{\sqrt[3]{5}} =$

9. $\log_{16} \frac{1}{128} =$

4. $\log_{36} 6 =$

10. $\log_{\frac{1}{27}} 9 =$

5. $\log_{\frac{1}{16}} 2 =$

11. $\log_{64} 16 =$

6. $\log_{256} 16 =$

12. $\log_{256} 16 =$

Evaluate the log.

Document No.LEB8557080

1. $\log_{16} \sqrt{2} =$

7. $\log_{243} \frac{1}{3} =$

2. $\log_{\frac{1}{64}} 32 =$

8. $\log_{32} \frac{1}{64} =$

3. $\log_{27} 27 =$

9. $\log_4 \frac{1}{64} =$

4. $\log_{36} 6 =$

10. $\log_{\frac{1}{64}} 32 =$

5. $\log_{16} 16 =$

11. $\log_{81} 9 =$

6. $\log_9 \frac{1}{27} =$

12. $\log_{32} \frac{1}{\sqrt[3]{8}} =$

Evaluate the log.

Document No.LEB8557081

1. $\log_{125} \frac{1}{125} =$

7. $\log_{216} \frac{1}{\sqrt[3]{36}} =$

2. $\log_{81} 27 =$

8. $\log_{81} \frac{1}{81} =$

3. $\log_{27} \frac{1}{\sqrt{9}} =$

9. $\log_{243} 3 =$

4. $\log_{36} \frac{1}{36} =$

10. $\log_{36} \sqrt[3]{36} =$

5. $\log_{343} \frac{1}{\sqrt{49}} =$

11. $\log_{128} 16 =$

6. $\log_{25} 5 =$

12. $\log_{49} \sqrt[3]{7} =$

Evaluate the log.

Document No.LEB8557082

1. $\log_{49} \sqrt[3]{343} =$

7. $\log_{16} \frac{1}{\sqrt{4}} =$

2. $\log_{64} \frac{1}{4} =$

8. $\log_{125} 125 =$

3. $\log_{49} \sqrt{7} =$

9. $\log_{27} 81 =$

4. $\log_{36} \frac{1}{\sqrt[3]{36}} =$

10. $\log_{16} 16 =$

5. $\log_{\frac{1}{16}} 128 =$

11. $\log_{125} 625 =$

6. $\log_{16} \frac{1}{16} =$

12. $\log_{25} 25 =$

Evaluate the log.

Document No.LEB8557083

1. $\log_{\frac{1}{16}} 16 =$

7. $\log_{25} 25 =$

2. $\log_8 \frac{1}{\sqrt{64}} =$

8. $\log_{81} \sqrt[3]{3} =$

3. $\log_{256} 64 =$

9. $\log_{216} \sqrt{6} =$

4. $\log_{\frac{1}{216}} 216 =$

10. $\log_{64} 4 =$

5. $\log_{16} \frac{1}{\sqrt{64}} =$

11. $\log_{16} \sqrt{16} =$

6. $\log_{343} \frac{1}{7} =$

12. $\log_{\frac{1}{64}} 64 =$

Evaluate the log.

Document No.LEB8557084

1. $\log_{64} \frac{1}{256} =$

7. $\log_{\frac{1}{64}} 32 =$

2. $\log_{\frac{1}{64}} 64 =$

8. $\log_4 \frac{1}{8} =$

3. $\log_{81} \sqrt[3]{9} =$

9. $\log_{64} \sqrt[3]{16} =$

4. $\log_{36} \frac{1}{\sqrt{216}} =$

10. $\log_{64} \frac{1}{64} =$

5. $\log_{16} 64 =$

11. $\log_{243} 9 =$

6. $\log_{25} 125 =$

12. $\log_{49} \sqrt[3]{49} =$

Evaluate the log.

Document No.LEB8557085

1. $\log_8 32 =$

7. $\log_{49} 343 =$

2. $\log_{32} \frac{1}{64} =$

8. $\log_{\frac{1}{49}} 343 =$

3. $\log_{49} \frac{1}{49} =$

9. $\log_{243} \frac{1}{\sqrt[3]{3}} =$

4. $\log_{243} \frac{1}{27} =$

10. $\log_{16} \frac{1}{8} =$

5. $\log_{128} 4 =$

11. $\log_{64} \frac{1}{\sqrt{4}} =$

6. $\log_{64} 256 =$

12. $\log_8 \frac{1}{64} =$

Evaluate the log.

Document No.LEB8557086

1. $\log_{64} 4 =$

7. $\log_{25} 125 =$

2. $\log_4 64 =$

8. $\log_{243} \frac{1}{81} =$

3. $\log_{49} 343 =$

9. $\log_4 64 =$

4. $\log_{36} \sqrt{6} =$

10. $\log_{128} \frac{1}{16} =$

5. $\log_{32} \frac{1}{\sqrt[3]{16}} =$

11. $\log_{16} \frac{1}{\sqrt{256}} =$

6. $\log_{128} \sqrt{64} =$

12. $\log_{128} \frac{1}{128} =$

Evaluate the log.

Document No.LEB8557087

1. $\log_{128} \frac{1}{8} =$

7. $\log_{27} \frac{1}{27} =$

2. $\log_{125} \frac{1}{\sqrt[3]{25}} =$

8. $\log_{\frac{1}{16}} 64 =$

3. $\log_{36} \frac{1}{\sqrt{36}} =$

9. $\log_{16} \frac{1}{\sqrt[3]{64}} =$

4. $\log_{16} 64 =$

10. $\log_{16} 4 =$

5. $\log_{27} 27 =$

11. $\log_{343} \frac{1}{\sqrt[3]{7}} =$

6. $\log_{16} \frac{1}{\sqrt[3]{64}} =$

12. $\log_{49} 49 =$

Evaluate the log.

Document No.LEB8557088

1. $\log_{64} 64 =$

7. $\log_{216} 216 =$

2. $\log_{625} \sqrt{125} =$

8. $\log_{27} 9 =$

3. $\log_{16} \frac{1}{16} =$

9. $\log_{\frac{1}{625}} 25 =$

4. $\log_{343} \frac{1}{49} =$

10. $\log_{128} \frac{1}{32} =$

5. $\log_{32} \frac{1}{2} =$

11. $\log_{32} 8 =$

6. $\log_{49} 7 =$

12. $\log_{25} \frac{1}{\sqrt[3]{125}} =$

Evaluate the log.

Document No.LEB8557089

1. $\log_{\frac{1}{8}} 8 =$

7. $\log_{64} \sqrt[3]{4} =$

2. $\log_{64} \frac{1}{4} =$

8. $\log_{\frac{1}{49}} 7 =$

3. $\log_{16} \frac{1}{\sqrt[3]{64}} =$

9. $\log_{64} \sqrt[3]{64} =$

4. $\log_{64} 32 =$

10. $\log_{64} \sqrt[3]{8} =$

5. $\log_{32} \sqrt{8} =$

11. $\log_9 27 =$

6. $\log_{81} \frac{1}{\sqrt[3]{9}} =$

12. $\log_{\frac{1}{16}} 128 =$

Evaluate the log.

Document No.LEB8557090

1. $\log_{81} 81 =$

7. $\log_{27} \frac{1}{9} =$

2. $\log_{\frac{1}{9}} 3 =$

8. $\log_{49} 343 =$

3. $\log_{49} \frac{1}{7} =$

9. $\log_{16} \frac{1}{\sqrt{256}} =$

4. $\log_{343} \sqrt[3]{49} =$

10. $\log_{243} 81 =$

5. $\log_{64} \sqrt[3]{2} =$

11. $\log_{256} 4 =$

6. $\log_{128} \frac{1}{\sqrt{8}} =$

12. $\log_{25} 25 =$

Evaluate the log.

Document No.LEB8557091

1. $\log_{32} 128 =$

7. $\log_{128} \sqrt[3]{2} =$

2. $\log_{243} \frac{1}{\sqrt[3]{27}} =$

8. $\log_{\frac{1}{243}} 3 =$

3. $\log_{27} \frac{1}{3} =$

9. $\log_8 \frac{1}{16} =$

4. $\log_{64} \sqrt{16} =$

10. $\log_{16} \frac{1}{64} =$

5. $\log_8 \sqrt[3]{128} =$

11. $\log_{\frac{1}{216}} 36 =$

6. $\log_{49} \frac{1}{49} =$

12. $\log_{32} 2 =$

Evaluate the log.

Document No.LEB8557092

1. $\log_8 \frac{1}{8} =$

7. $\log_{\frac{1}{216}} 216 =$

2. $\log_{\frac{1}{625}} 125 =$

8. $\log_{27} \frac{1}{\sqrt{27}} =$

3. $\log_{16} 64 =$

9. $\log_{216} \sqrt{36} =$

4. $\log_{128} \sqrt{4} =$

10. $\log_{16} \frac{1}{\sqrt{256}} =$

5. $\log_{36} 6 =$

11. $\log_{49} \frac{1}{\sqrt{7}} =$

6. $\log_{216} \sqrt{6} =$

12. $\log_{243} 3 =$

Evaluate the log.

Document No.LEB8557093

1. $\log_{128} 128 =$

7. $\log_{16} \frac{1}{256} =$

2. $\log_{64} \sqrt{128} =$

8. $\log_{16} \frac{1}{64} =$

3. $\log_{625} \sqrt{125} =$

9. $\log_{\frac{1}{36}} 216 =$

4. $\log_{125} \frac{1}{625} =$

10. $\log_{36} \sqrt[3]{6} =$

5. $\log_{\frac{1}{9}} 27 =$

11. $\log_{256} 16 =$

6. $\log_{256} \frac{1}{256} =$

12. $\log_{27} 9 =$

Evaluate the log.

Document No.LEB8557094

1. $\log_{16} \sqrt{4} =$

7. $\log_{256} \frac{1}{64} =$

2. $\log_{81} 27 =$

8. $\log_{64} 128 =$

3. $\log_{\frac{1}{128}} 64 =$

9. $\log_{64} 16 =$

4. $\log_9 \frac{1}{3} =$

10. $\log_{81} 243 =$

5. $\log_{16} \frac{1}{64} =$

11. $\log_{25} \frac{1}{125} =$

6. $\log_{128} \frac{1}{32} =$

12. $\log_{125} \frac{1}{625} =$

Evaluate the log.

Document No.LEB8557095

1. $\log_{49} \frac{1}{49} =$

7. $\log_9 3 =$

2. $\log_{49} \frac{1}{\sqrt{49}} =$

8. $\log_8 \frac{1}{2} =$

3. $\log_{216} 6 =$

9. $\log_9 \sqrt[3]{243} =$

4. $\log_{64} \frac{1}{\sqrt{8}} =$

10. $\log_{\frac{1}{81}} 3 =$

5. $\log_{27} 27 =$

11. $\log_{49} \frac{1}{\sqrt{49}} =$

6. $\log_4 \frac{1}{8} =$

12. $\log_{64} \sqrt{4} =$

Evaluate the log.

Document No.LEB8557096

1. $\log_{27} 27 =$

7. $\log_{32} 2 =$

2. $\log_{625} \frac{1}{\sqrt[3]{25}} =$

8. $\log_4 \frac{1}{4} =$

3. $\log_8 2 =$

9. $\log_{216} 216 =$

4. $\log_{27} \sqrt[3]{3} =$

10. $\log_{49} 343 =$

5. $\log_{243} 81 =$

11. $\log_{256} \frac{1}{\sqrt{16}} =$

6. $\log_{16} \sqrt{8} =$

12. $\log_{243} \sqrt[3]{243} =$

Evaluate the log.

Document No.LEB8557097

1. $\log_{\frac{1}{16}} 32 =$

7. $\log_{\frac{1}{25}} 5 =$

2. $\log_{16} \frac{1}{32} =$

8. $\log_{49} \frac{1}{49} =$

3. $\log_{16} \frac{1}{64} =$

9. $\log_{125} \frac{1}{\sqrt[3]{5}} =$

4. $\log_{25} \frac{1}{625} =$

10. $\log_{16} \sqrt[3]{16} =$

5. $\log_{216} \frac{1}{\sqrt{216}} =$

11. $\log_{125} 625 =$

6. $\log_{64} 64 =$

12. $\log_{625} 625 =$

Evaluate the log.

Document No.LEB8557098

1. $\log_{36} 216 =$

7. $\log_{32} 64 =$

2. $\log_{16} \frac{1}{64} =$

8. $\log_{27} \sqrt[3]{27} =$

3. $\log_{64} \frac{1}{4} =$

9. $\log_{343} \frac{1}{343} =$

4. $\log_{256} \frac{1}{\sqrt{16}} =$

10. $\log_4 2 =$

5. $\log_{36} \sqrt{216} =$

11. $\log_{\frac{1}{16}} 128 =$

6. $\log_4 \sqrt{16} =$

12. $\log_{49} 7 =$

Evaluate the log.

Document No.LEB8557099

1. $\log_{256} \frac{1}{4} =$

7. $\log_{343} 49 =$

2. $\log_{27} 27 =$

8. $\log_{128} \frac{1}{4} =$

3. $\log_{\frac{1}{125}} 25 =$

9. $\log_{243} \frac{1}{\sqrt{27}} =$

4. $\log_{49} 49 =$

10. $\log_{49} 49 =$

5. $\log_{\frac{1}{125}} 625 =$

11. $\log_{81} 3 =$

6. $\log_{\frac{1}{81}} 27 =$

12. $\log_{27} 9 =$

Evaluate the log.

Document No.LEB8557100

1. $\log_{49} \frac{1}{7} =$

7. $\log_{49} \frac{1}{49} =$

2. $\log_{243} \sqrt{3} =$

8. $\log_4 \frac{1}{8} =$

3. $\log_9 \frac{1}{3} =$

9. $\log_{27} 243 =$

4. $\log_{125} \frac{1}{\sqrt{25}} =$

10. $\log_{216} \sqrt{216} =$

5. $\log_{343} 343 =$

11. $\log_{243} 3 =$

6. $\log_9 \frac{1}{27} =$

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

Document No. LEB8557001

1. $\frac{-5}{3}$
2. 1
3. 1
4. -1
5. -1
6. $\frac{3}{4}$
7. 3
8. $\frac{-1}{2}$
9. -1
10. 1
11. -1
12. $\frac{1}{2}$

Document No. LEB8557002

1. $\frac{1}{3}$
2. $\frac{-2}{3}$
3. $\frac{-1}{4}$
4. $\frac{-1}{3}$
5. $\frac{-1}{2}$
6. $\frac{-5}{2}$
7. $\frac{-1}{4}$
8. 2
9. $\frac{-1}{2}$
10. $\frac{1}{9}$
11. -1
12. -1

Document No. LEB8557003

1. $\frac{-1}{3}$
2. $\frac{1}{3}$
3. $\frac{-1}{2}$
4. $\frac{-5}{3}$
5. $\frac{-3}{2}$
6. $\frac{-1}{2}$
7. $\frac{1}{2}$
8. -1
9. 1
10. $\frac{4}{5}$
11. $\frac{-3}{2}$
12. $\frac{-3}{4}$

Document No. LEB8557004

1. $\frac{1}{4}$
2. 1
3. $\frac{-3}{5}$
4. $\frac{2}{3}$

5. $\frac{-1}{3}$
6. $\frac{-4}{3}$
7. $\frac{-2}{9}$
8. $\frac{5}{3}$
9. $\frac{5}{5}$
10. $\frac{-2}{3}$
11. $\frac{-1}{4}$
12. 2

Document No. LEB8557005

1. $\frac{1}{10}$
2. 2
3. $\frac{-1}{8}$
4. $\frac{3}{8}$
5. $\frac{-3}{4}$
6. $\frac{1}{2}$
7. $\frac{-1}{4}$
8. $\frac{1}{3}$
9. $\frac{1}{2}$
10. -1
11. $\frac{1}{6}$
12. $\frac{-2}{3}$

Document No. LEB8557006

1. $\frac{-1}{6}$
2. $\frac{-4}{5}$
3. $\frac{3}{2}$
4. $\frac{4}{3}$
5. $\frac{3}{3}$
6. $\frac{4}{3}$
7. $\frac{5}{9}$
8. $\frac{3}{4}$
9. $\frac{1}{2}$
10. $\frac{-1}{2}$
11. $\frac{-1}{3}$
12. 1

Document No. LEB8557007

1. $\frac{3}{4}$
2. $\frac{7}{4}$
3. $\frac{1}{2}$
4. -1
5. -1
6. $\frac{-7}{4}$
7. $\frac{-1}{2}$
8. $\frac{1}{15}$
9. $\frac{2}{7}$

- 10.1
- 11.-1
- 12.1

Document No. LEB8557008

1. $\frac{-1}{3}$
- 2.-1
3. $\frac{-1}{3}$
4. $\frac{-1}{4}$
5. $\frac{-1}{3}$
6. $\frac{-2}{3}$
7. $\frac{2}{3}$
8. $\frac{-1}{2}$
9. $\frac{-3}{2}$
10. $\frac{-7}{3}$
11. $\frac{-1}{2}$
12. $\frac{1}{3}$

Document No. LEB8557009

1. $\frac{3}{2}$
2. $\frac{-1}{7}$
3. $\frac{1}{3}$
4. $\frac{4}{7}$
- 5.2
- 6.-1
7. $\frac{-4}{5}$
8. $\frac{-1}{2}$
9. $\frac{2}{3}$
10. $\frac{-1}{7}$
11. $\frac{-1}{6}$
12. $\frac{4}{3}$

Document No. LEB8557010

1. $\frac{-1}{12}$
2. $\frac{1}{8}$
3. $\frac{-1}{15}$
4. $\frac{-1}{3}$
5. $\frac{1}{3}$
6. $\frac{1}{3}$
7. $\frac{-2}{7}$
8. $\frac{-1}{2}$
9. $\frac{-1}{4}$
10. $\frac{-1}{3}$
11. $\frac{4}{3}$
12. $\frac{7}{9}$

Document No. LEB8557011

1. $\frac{-7}{4}$
2. $\frac{1}{12}$
3. $\frac{1}{6}$
- 4.-1
5. $\frac{1}{3}$
6. $\frac{-5}{2}$
7. $\frac{1}{2}$
8. $\frac{5}{6}$
9. $\frac{-2}{3}$
10. $\frac{1}{2}$
11. $\frac{-2}{5}$
12. $\frac{-3}{10}$

Document No. LEB8557012

1. $\frac{-5}{2}$
2. $\frac{-1}{7}$
- 3.-1
4. $\frac{-1}{5}$
5. $\frac{-1}{2}$
6. $\frac{3}{2}$
7. $\frac{5}{3}$
- 8.-1
9. $\frac{-1}{3}$
10. $\frac{5}{12}$
11. $\frac{5}{8}$
12. $\frac{-1}{5}$

Document No. LEB8557013

- 1.-1
- 2.2
3. $\frac{-1}{5}$
4. $\frac{5}{4}$
- 5.-1
6. $\frac{1}{5}$
- 7.1
8. $\frac{-7}{6}$
9. $\frac{-2}{3}$
10. $\frac{1}{6}$
11. $\frac{-1}{2}$
12. $\frac{3}{4}$

Document No. LEB8557014

1. $\frac{-2}{3}$
2. $\frac{1}{3}$
3. $\frac{1}{6}$
- 4.1
- 5.-1

6. -2
7. $\frac{1}{4}$
8. $\frac{1}{4}$
9. $\frac{1}{2}$
10. $\frac{-7}{3}$
11. $\frac{2}{3}$
12. $\frac{-2}{3}$

Document No. LEB8557015

1. $\frac{5}{6}$
2. $\frac{1}{3}$
3. $\frac{1}{4}$
4. $\frac{-3}{5}$
5. $\frac{1}{3}$
6. $\frac{-1}{3}$
7. $\frac{-1}{4}$
8. $\frac{-2}{3}$
9. $\frac{-1}{2}$
10. $\frac{-4}{3}$
11. $\frac{-1}{6}$
12. $\frac{-1}{2}$

Document No. LEB8557016

1. $\frac{-2}{3}$
2. $\frac{2}{9}$
3. $\frac{-7}{4}$
4. $\frac{5}{4}$
5. 1
6. $\frac{-4}{5}$
7. $\frac{-1}{2}$
8. $\frac{-2}{3}$
9. $\frac{1}{6}$
10. $\frac{2}{9}$
11. $\frac{1}{3}$
12. $\frac{-2}{3}$

Document No. LEB8557017

1. $\frac{-5}{3}$
2. $\frac{-1}{3}$
3. 1
4. 1
5. $\frac{1}{4}$
6. $\frac{-5}{4}$
7. $\frac{4}{9}$
8. $\frac{4}{3}$
9. $\frac{3}{4}$
10. $\frac{-3}{4}$

11. $\frac{-7}{5}$
12. $\frac{-2}{5}$

Document No. LEB8557018

1. $\frac{-2}{5}$
2. -1
3. -1
4. $\frac{-1}{2}$
5. $\frac{-4}{5}$
6. $\frac{1}{9}$
7. $\frac{-1}{4}$
8. $\frac{-1}{2}$
9. $\frac{-1}{2}$
10. $\frac{4}{5}$
11. $\frac{1}{3}$
12. -1

Document No. LEB8557019

1. $\frac{1}{3}$
2. $\frac{-2}{3}$
3. -1
4. $\frac{-2}{5}$
5. $\frac{-1}{2}$
6. $\frac{-1}{4}$
7. 1
8. $\frac{1}{2}$
9. $\frac{-1}{4}$
10. -1
11. -1
12. $\frac{-4}{15}$

Document No. LEB8557020

1. $\frac{-1}{2}$
2. -1
3. 1
4. $\frac{-1}{3}$
5. $\frac{-4}{3}$
6. -1
7. $\frac{1}{4}$
8. $\frac{-1}{2}$
9. $\frac{3}{2}$
10. $\frac{-3}{5}$
11. $\frac{-1}{6}$
12. $\frac{-3}{2}$

Document No. LEB8557021

1. -1

2. $\frac{1}{3}$
3. -1
4. $\frac{-1}{3}$
5. $\frac{-1}{4}$
6. $\frac{3}{2}$
7. $\frac{1}{3}$
8. $\frac{-2}{21}$
9. $\frac{-1}{2}$
10. $\frac{-3}{2}$
11. $\frac{3}{4}$
12. $\frac{-1}{3}$

Document No. LEB8557022

1. $\frac{-2}{9}$
2. $\frac{7}{2}$
3. $\frac{-7}{6}$
4. $\frac{-5}{3}$
5. $\frac{-1}{3}$
6. $\frac{-2}{3}$
7. $\frac{-1}{2}$
8. -1
9. $\frac{1}{6}$
10. $\frac{1}{2}$
11. $\frac{1}{3}$
12. -1

Document No. LEB8557023

1. $\frac{-3}{2}$
2. $\frac{-3}{4}$
3. $\frac{-3}{5}$
4. $\frac{-2}{3}$
5. $\frac{2}{3}$
6. $\frac{1}{2}$
7. $\frac{-5}{2}$
8. $\frac{1}{6}$
9. $\frac{-2}{3}$
10. $\frac{2}{3}$
11. $\frac{-4}{5}$
12. $\frac{1}{2}$

Document No. LEB8557024

1. $\frac{4}{7}$
2. $\frac{-4}{5}$
3. $\frac{-1}{3}$
4. $\frac{-2}{3}$
5. $\frac{1}{2}$
6. $\frac{-4}{3}$

7. $\frac{-7}{9}$
8. $\frac{-3}{4}$
9. $\frac{4}{5}$
10. $\frac{1}{3}$
11. $\frac{3}{3}$
12. $\frac{3}{7}$

Document No. LEB8557025

1. $\frac{-3}{7}$
2. $\frac{1}{2}$
3. $\frac{5}{12}$
4. $\frac{1}{2}$
5. $\frac{-7}{15}$
6. $\frac{1}{4}$
7. $\frac{3}{2}$
8. $\frac{-1}{3}$
9. 1
10. $\frac{3}{5}$
11. $\frac{-1}{2}$
12. $\frac{1}{2}$

Document No. LEB8557026

1. $\frac{5}{2}$
2. $\frac{-4}{5}$
3. $\frac{1}{6}$
4. -3
5. $\frac{-3}{2}$
6. $\frac{2}{15}$
7. $\frac{1}{4}$
8. $\frac{1}{21}$
9. $\frac{-4}{3}$
10. $\frac{1}{2}$
11. $\frac{3}{2}$
12. 1

Document No. LEB8557027

1. -1
2. -1
3. -1
4. $\frac{1}{6}$
5. $\frac{-3}{4}$
6. $\frac{1}{4}$
7. $\frac{1}{6}$
8. $\frac{-2}{7}$
9. $\frac{1}{2}$
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Document No. LEB8557028

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Document No. LEB8557029

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Document No. LEB8557030

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Document No. LEB8557031

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Document No. LEB8557032

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Document No. LEB8557033

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Document No. LEB8557034

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Document No. LEB8557035

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Document No. LEB8557036

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Document No. LEB8557037

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Document No. LEB8557038

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Document No. LEB8557039

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Document No. LEB8557040

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Document No. LEB8557041

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Document No. LEB8557042

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Document No. LEB8557043

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- 9.1
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Document No. LEB8557044

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Document No. LEB8557045

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Document No. LEB8557046

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Document No. LEB8557047

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Document No. LEB8557048

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Document No. LEB8557049

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Document No. LEB8557050

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Document No. LEB8557051

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Document No. LEB8557052

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Document No. LEB8557053

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Document No. LEB8557054

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Document No. LEB8557055

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Document No. LEB8557056

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Document No. LEB8557057

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Document No. LEB8557058

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Document No. LEB8557059

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Document No. LEB8557060

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Document No. LEB8557061

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Document No. LEB8557062

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Document No. LEB8557063

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Document No. LEB8557064

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Document No. LEB8557065

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Document No. LEB8557066

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Document No. LEB8557067

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Document No. LEB8557068

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Document No. LEB8557069

- 1.1
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- 10.-2
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12. $\frac{3}{5}$

Document No. LEB8557070

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Document No. LEB8557071

- 1.-2
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- 9.-1
- 10.-1
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Document No. LEB8557072

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Document No. LEB8557073

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- 12.-1

Document No. LEB8557074

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- 6.-1
- 7.1
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Document No. LEB8557075

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Document No. LEB8557076

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Document No. LEB8557077

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Document No. LEB8557078

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Document No. LEB8557079

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Document No. LEB8557080

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Document No. LEB8557081

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Document No. LEB8557082

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Document No. LEB8557083

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Document No. LEB8557084

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Document No. LEB8557085

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- 12.-2

Document No. LEB8557086

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- 11.-1
- 12.-1

Document No. LEB8557087

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Document No. LEB8557088

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Document No. LEB8557089

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Document No. LEB8557090

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8. $\frac{3}{2}$
9. -1
10. $\frac{4}{5}$
11. $\frac{1}{4}$
12. 1

Document No. LEB8557091

1. $\frac{7}{5}$
2. $\frac{-1}{5}$
3. $\frac{-1}{3}$
4. $\frac{1}{2}$
5. $\frac{7}{9}$
6. -1
7. $\frac{1}{21}$
8. $\frac{-1}{5}$

9. $\frac{-4}{3}$
10. $\frac{-3}{2}$
11. $\frac{-2}{3}$
12. $\frac{1}{5}$

Document No. LEB8557092

1. -1
2. $\frac{-3}{4}$
3. $\frac{3}{2}$
4. $\frac{1}{7}$
5. $\frac{1}{2}$
6. $\frac{1}{6}$
7. -1
8. $\frac{-1}{2}$
9. $\frac{1}{3}$
10. -1
11. $\frac{-1}{4}$
12. $\frac{1}{5}$

Document No. LEB8557093

1. 1
2. $\frac{7}{12}$
3. $\frac{3}{8}$
4. $\frac{-4}{3}$
5. $\frac{-3}{2}$
6. -1
7. -2
8. $\frac{-3}{2}$
9. $\frac{-3}{2}$
10. $\frac{1}{6}$
11. $\frac{1}{2}$
12. $\frac{2}{3}$

Document No. LEB8557094

1. $\frac{1}{4}$
2. $\frac{3}{4}$
3. $\frac{-6}{7}$
4. $\frac{-1}{2}$
5. $\frac{-3}{2}$
6. $\frac{-5}{7}$
7. $\frac{-3}{4}$
8. $\frac{7}{6}$
9. $\frac{2}{3}$
10. $\frac{5}{4}$
11. $\frac{-3}{2}$
12. $\frac{-4}{3}$

Document No. LEB8557095

1. -1
2. $\frac{-1}{2}$
3. $\frac{1}{3}$
4. $\frac{-1}{4}$
5. 1
6. $\frac{-3}{2}$
7. $\frac{1}{2}$
8. $\frac{-1}{3}$
9. $\frac{5}{6}$
10. $\frac{-1}{4}$
11. $\frac{-1}{2}$
12. $\frac{1}{6}$

Document No. LEB8557096

1. 1
2. $\frac{-1}{6}$
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4. $\frac{-1}{9}$
5. $\frac{4}{5}$
6. $\frac{3}{8}$
7. $\frac{1}{5}$
8. -1
9. 1
10. $\frac{3}{2}$
11. $\frac{-1}{4}$
12. $\frac{1}{3}$

Document No. LEB8557097

1. $\frac{-5}{4}$
2. $\frac{-5}{4}$
3. $\frac{4}{2}$
4. -2
5. $\frac{-1}{2}$
6. 1
7. $\frac{-1}{2}$
8. -1
9. $\frac{-1}{9}$
10. $\frac{1}{3}$
11. $\frac{4}{3}$
12. 1

Document No. LEB8557098

1. $\frac{3}{2}$
2. $\frac{-3}{2}$
3. $\frac{-1}{3}$
4. $\frac{-1}{4}$

5. $\frac{3}{4}$
6. 1
7. $\frac{6}{5}$
8. $\frac{1}{3}$
9. -1
10. $\frac{1}{2}$
11. $\frac{-7}{4}$
12. $\frac{1}{2}$

Document No. LEB8557099

1. $\frac{-1}{4}$
2. 1
3. $\frac{-2}{3}$
4. 1
5. $\frac{-4}{3}$
6. $\frac{-3}{4}$
7. $\frac{2}{3}$
8. $\frac{-2}{7}$
9. $\frac{-3}{10}$
10. 1
11. $\frac{1}{4}$
12. $\frac{3}{3}$

Document No. LEB8557100

1. $\frac{-1}{2}$
2. $\frac{1}{10}$
3. $\frac{-1}{2}$
4. $\frac{-1}{3}$
5. 1
6. $\frac{-3}{2}$
7. -1
8. $\frac{-3}{2}$
9. $\frac{5}{3}$
10. $\frac{1}{2}$
11. $\frac{1}{5}$
12. -1