

Name : _____

Score : _____

Logarithm - Calculator

Common Logarithm: S1

A) Find the value of each logarithm using calculator. Round the answer to two decimal places.

1) $\log 4 =$

2) $2 \log 3 =$

3) $\log 2.9 =$

4) $\log \left(\frac{2}{3}\right) =$

5) $\log 0.8 =$

6) $\log 6 =$

7) $\log \left(\frac{3}{8}\right) =$

8) $\log 7.5 =$

B) Find the value of each logarithmic expression using calculator. Round the answer to two decimal places.

1) $\log 2 - \log 3$

2) $\log 5 + \log 9$

3) $\log 8 \cdot \log 7$

4) $\log 12 + \log 6$

5) $\frac{\log 0.1}{\log 0.5}$

6) $\log 0.06 - \log 0.2$

Answer key**Logarithm - Calculator**

Common Logarithm: S1

A) Find the value of each logarithm using calculator. Round the answer to two decimal places.

1) $\log 4 =$ **0.6**

2) $2 \log 3 =$ **0.95**

3) $\log 2.9 =$ **0.46**

4) $\log \left(\frac{2}{3}\right) =$ **-0.18**

5) $\log 0.8 =$ **-0.1**

6) $\log 6 =$ **0.78**

7) $\log \left(\frac{3}{8}\right) =$ **-0.43**

8) $\log 7.5 =$ **0.88**

B) Find the value of each logarithmic expression using calculator. Round the answer to two decimal places.

1) $\log 2 - \log 3$

-0.18

2) $\log 5 + \log 9$

1.65

3) $\log 8 \cdot \log 7$

0.76

4) $\log 12 + \log 6$

1.86

5) $\frac{\log 0.1}{\log 0.5}$

3.32

6) $\log 0.06 - \log 0.2$

-0.52