

Name \_\_\_\_\_

Score \_\_\_\_\_

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### Logarithm - Calculator

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

1)  $\log 3.45 =$

2)  $2 \log 9 =$

3)  $\log 0.05 =$

4)  $\log 50 =$

5)  $\log \left( \frac{5}{9} \right) =$

6)  $\log 7.05 =$

7)  $\log_{15} =$

8)  $\log 5.62 =$

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

1)  $\log 5.3 + \log 8$

2)  $\log 15 \cdot \log 9$

3)  $\log 8.9 - \log 7.5$

4)  $\frac{\log 0.06}{\log 0.2}$

5)  $\log 1.2 - \log 2.7$

6)  $\log 4.8 + \log 12$

Name : \_\_\_\_\_

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**Answer key**

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

1)  $\log 3.45 =$  **0.54**

2)  $2 \log 9 =$  **1.91**

3)  $\log 0.05 =$  **-1.3**

4)  $\log 50 =$  **1.7**

5)  $\log \left(\frac{5}{9}\right) =$  **-0.26**

6)  $\log 7.05 =$  **0.85**

7)  $\log 15 =$  **1.18**

8)  $\log 5.62 =$  **0.75**

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

1)  $\log 5.3 + \log 8$

**1.63**

2)  $\log 15 \cdot \log 9$

**1.12**

3)  $\log 8.9 - \log 7.5$

**0.07**

4)  $\frac{\log 0.06}{\log 0.2}$

**1.75**

5)  $\log 1.2 - \log 2.7$

**-0.35**

6)  $\log 4.8 + \log 12$

**1.76**