

Name: _____

Date _____

Topic: Calculate the Value- Worksheet 1

1 $\log_3 16 + \log_3 48$

2 $\log_8 1569 - \log_8 26$

3 $\log_{(2)} 16 - \log_2 35$

4 $\log_2 78 + \log_{(2)} 25$

5 $\log_4 [1/14] + \log_{(4)} [1/22]$

6 $\log_{(3)} [11] - \log_3 23$

7 $\log_4 [26] + \log_2 6$

8 $\log_{(4)} [3/2145] - \log_3 [56]$

9 $\log_{(2)} 5 + \log_{(2)} [8]$

10 $\log_7 12 + \log_7 18$



Name: _____

Date _____

Topic: Calculate the Value- Worksheet 1 **ANSWERS**

1. **6.047438**
2. **1.97173**
3. **-1.12928**
4. **10.92926**
5. **-4.13339**
6. **-0.67139**
7. **4.935182**
8. **-8.40493**
9. **5.321928**
10. **2.762347**



Name: _____

Date _____

Topic : Calculate the Value- Worksheet 2

1 $\log_3 23 + \log_3 55$

2 $\log_8 2478 - \log_8 32$

3 $\log_{(2)} 250 - \log_2 25$

4 $\log_2 4 + \log_{(2)} 9$

5 $\log_4[1/18] + \log_{(4)}[1/44]$

6 $\log_{(3)}[123] - \log_3 42$

7 $\log_4 [26] + \log_2 6$

8 $\log_{(4)}[3/7] - \log_3[44]$

9 $\log_{(2)}56 + \log_{(2)}[7]$

10 $\log_7 25 + \log_7 16$



Name: _____

Date _____

Topic : Calculate the Value- Worksheet 2 **ANSWERS**

1. **6.501682**
2. **2.091653**
3. **3.321928**
4. **5.169925**
5. **-4.81468**
6. **0.978065**
7. **4.935182**
8. **-4.05571**
9. **8.61471**
10. **3.079004**



Name: _____

Date _____

Topic : Calculate the Value- Worksheet 3

1 $\log_3 88 + \log_3 6$

2 $\log_8 1456 - \log_8 66$

3 $\log_{(2)} 789 - \log_2 16$

4 $\log_2 25 + \log_{(2)} 46$

5 $\log_4 [2/16] + \log_{(4)} [2/56]$

6 $\log_{(3)} [489] - \log_3 51$

7 $\log_4 [26] + \log_2 6$

8 $\log_{(4)} [12/6] - \log_3 [24]$

9 $\log_{(2)} 56 + \log_{(2)} [7]$

10 $\log_7 25 + \log_7 16$



Name: _____

Date _____

Topic : Calculate the Value- Worksheet 3 **ANSWERS**

1.	5.706377
2.	1.4878
3.	5.623881
4.	10.16742
5.	-3.90368
6.	9.215433
7.	4.935182
8.	-2.39279
9.	8.61471
10.	3.079004



Name: _____

Date _____

Topic : Calculate the Value- Worksheet 4

1 $\log_3 45 + \log_3 16$

2 $\log_8 785 - \log_8 23$

3 $\log_{(2)} 852 - \log_2 49$

4 $\log_2 89 + \log_{(2)} 78$

5 $\log_4 [4/21] + \log_{(4)} [4/52]$

6 $\log_{(3)} [753] - \log_3 87$

7 $\log_4 [43] + \log_2 52$

8 $\log_{(4)} [46/9] - \log_3 [159]$

9 $\log_{(2)} 99 + \log_{(2)} [16]$

10 $\log_7 369 + \log_7 73$



Name: _____

Date _____

Topic : Calculate the Value- Worksheet 4 **ANSWERS**

1.	5.988693
2.	1.697662
3.	4.12
4.	12.76114
5.	-3.04638
6.	1.964439
7.	8.413572
8.	-3.4371
9.	10.62936
10.	5.242409



Name: _____

Date _____

Topic : Calculate the Value- Worksheet 5

1 $\log_3 96 + \log_3 74$

2 $\log_8 524 - \log_8 71$

3 $\log_{(2)} 852 - \log_2 66$

4 $\log_2 243 + \log_{(2)} 82$

5 $\log_4 [1/61] + \log_{(4)} [1/37]$

6 $\log_{(3)} [742] - \log_3 69$

7 $\log_4 [85] + \log_2 49$

8 $\log_{(4)} [28/7] - \log_3 [423]$

9 $\log_{(2)} 78 + \log_{(2)} [49]$

10 $\log_7 465 + \log_7 67$



Name: _____

Date _____

Topic : Calculate the Value- Worksheet 5 **ANSWERS**

1.	8.072378
2.	0.961225
3.	3.690316
4.	14.28236
5.	-5.5701
6.	2.162039
7.	8.819405
8.	-4.50456
9.	11.90011
10.	5.317167

