Logarithms — Finding the number

Name: _____ Date: _____

Find the missing number in each logarithm.

1. $\log_2 \underline{128} = 7$

   $2^7 = 128$

2. $\log_2 _____ = 3$

3. $\log_3 _____ = 4$

4. $\log_7 _____ = 3$

5. $\log_3 _____ = 3$

6. $\log_3 _____ = 6$

7. $\log_4 _____ = 2$

8. $\log_2 _____ = 9$

9. $\log_5 _____ = 3$

10. $\log_3 _____ = 5$

Logarithms · Finding the number — Answer key

1. $\log_2 128 = 7$
2. $\log_2 8 = 3$
3. $\log_3 81 = 4$
4. $\log_7 343 = 3$
5. $\log_3 27 = 3$
6. $\log_3 729 = 6$
7. $\log_4 16 = 2$
8. $\log_2 512 = 9$
9. $\log_5 125 = 3$
10. $\log_3 243 = 5$