

Name:

Date:

Score:

Evaluating Exponents

1 $(6)^2 =$ _____

2 $(3)^5 =$ _____

3 $(-2)^4 =$ _____

4 $(10)^0 =$ _____

5 $(7)^3 =$ _____

6 $(11)^2 =$ _____

7 $(2)^{-3} =$ _____

8 $\left(\frac{1}{5}\right)^2 =$ _____

9 $\left(\frac{1}{2}\right)^{-1} =$ _____

10 $\left(\frac{1}{10}\right)^{-2} =$ _____

11 $(2)^{-4} =$ _____

12 $(-3)^2 =$ _____

13 $(12)^2 =$ _____

14 $(-4)^4 =$ _____

15 $(-7)^3 =$ _____

16 $(-8)^4 =$ _____

Name:

Date:

Score:

Evaluating Exponents

Answers

1 $(6)^2 = 36$

3 $(-2)^4 = 16$

5 $(7)^3 = 343$

7 $(2)^{-3} = \frac{1}{8}$

9 $\left(\frac{1}{2}\right)^{-1} = 2$

11 $(2)^{-4} = \frac{1}{16}$

13 $(12)^2 = 144$

15 $(-7)^3 = -343$

2 $(3)^5 = 243$

4 $(10)^0 = 1$

6 $(11)^2 = 121$

8 $\left(\frac{1}{5}\right)^2 = \frac{1}{25}$

10 $\left(\frac{1}{10}\right)^{-2} = 100$

12 $(-3)^2 = 9$

14 $(-4)^4 = 256$

16 $(-8)^4 = 4096$