

Exponents Worksheet Answer Key

Make These Your Ex-Opponents

Evaluate.

1. 2^4
 16

6. $(2 \times 4)^2$
 $2^2 \times 4^2 = 4 \times 16 = 64$

2. 2^{-8}
 $\frac{1}{2^8} = \frac{1}{256}$

7. 3^{2^2}
 $(3^2)^2 = 9^2 = 81$

3. $\frac{1}{4^{-2}}$
 $4^2 = 16$

8. $4^2 + 2^2$
 $16 + 4 = 20$

4. $\left(\frac{5}{4}\right)^2$
 $\frac{5^2}{4^2} = \frac{25}{16} = 1\frac{9}{16}$

9. $(4 - 2)^2$
 $(2)^2 = 4$

5. $3^2 \times 3^4$
 $3^{2+4} = 3^6 = 729$

10. $(2011)^0$
 1

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