

# Exponents and Powers

## ANSWER KEY

1.)  $2^3 = 8$

2.)  $5^2 = 25$

3.)  $10^4 = 10,000$

4.)  $2^{-3} = \frac{1}{8}$

5.)  $5^{-2} = \frac{1}{25}$

6.)  $10^{-4} = \frac{1}{10,000}$

7.)  $3.2 \times 10^4 = 32,000$

8.)  $8 \times 10^3 = 8,000$

9.)  $2.5 \times 10^{-5} = 0.000025$

10.)  $(7.2 \times 10^5) - (9.6 \times 10^5)$

$-2.4 \times 10^5$

11.)  $(8.4 \times 10^4) + (2 \times 10^2)$

$208.4 \times 10^4$

12.)  $(6.2 \times 10^4) + (3.8 \times 10^3)$

$3806.2 \times 10^4$

13.)  $(9.5 \times 10^5) - (1.2 \times 10^6)$

$110.5 \times 10^5$

