

Answers Key

Quantitative Review

1.

$$\frac{10000 - 1000}{10000} = \frac{9000}{10000}$$

2.

$$\frac{20000 - 2000}{20000} = \frac{18000}{20000}$$

3.

$$\frac{100000 - 10000}{100000} = \frac{90000}{100000}$$

4.

$$\frac{200000 - 20000}{200000} = \frac{180000}{200000}$$

5.

$$\frac{300000 - 30000}{300000} = \frac{270000}{300000}$$

6.

$$\frac{1000000 - 100000}{1000000} = \frac{900000}{1000000}$$

7. Commutative property of addition
 8. Associative property of addition
 9. Identity property of addition
 10. Inverse property of addition
 11. Distributive property
 12. Inverse property of multiplication, $100 \cdot \frac{1}{100}$

13. $100 = 10^2$, $1000 = 10^3$, $10000 = 10^4$, $100000 = 10^5$, $1000000 = 10^6$, $10000000 = 10^7$, $100000000 = 10^8$, $1000000000 = 10^9$, $10000000000 = 10^{10}$, $100000000000 = 10^{11}$, $1000000000000 = 10^{12}$, $10000000000000 = 10^{13}$, $100000000000000 = 10^{14}$, $1000000000000000 = 10^{15}$, $10000000000000000 = 10^{16}$, $100000000000000000 = 10^{17}$, $1000000000000000000 = 10^{18}$, $10000000000000000000 = 10^{19}$, $100000000000000000000 = 10^{20}$, $1000000000000000000000 = 10^{21}$, $10000000000000000000000 = 10^{22}$, $100000000000000000000000 = 10^{23}$, $1000000000000000000000000 = 10^{24}$, $10000000000000000000000000 = 10^{25}$, $100000000000000000000000000 = 10^{26}$, $1000000000000000000000000000 = 10^{27}$, $10000000000000000000000000000 = 10^{28}$, $100000000000000000000000000000 = 10^{29}$, $1000000000000000000000000000000 = 10^{30}$

14. $10^2 = 100$, $10^3 = 1000$, $10^4 = 10000$, $10^5 = 100000$, $10^6 = 1000000$, $10^7 = 10000000$, $10^8 = 100000000$, $10^9 = 1000000000$, $10^{10} = 10000000000$, $10^{11} = 100000000000$, $10^{12} = 1000000000000$, $10^{13} = 10000000000000$, $10^{14} = 100000000000000$, $10^{15} = 1000000000000000$, $10^{16} = 10000000000000000$, $10^{17} = 100000000000000000$, $10^{18} = 1000000000000000000$, $10^{19} = 10000000000000000000$, $10^{20} = 100000000000000000000$, $10^{21} = 1000000000000000000000$, $10^{22} = 10000000000000000000000$, $10^{23} = 100000000000000000000000$, $10^{24} = 1000000000000000000000000$, $10^{25} = 10000000000000000000000000$, $10^{26} = 100000000000000000000000000$, $10^{27} = 1000000000000000000000000000$, $10^{28} = 10000000000000000000000000000$, $10^{29} = 100000000000000000000000000000$, $10^{30} = 1000000000000000000000000000000$

$$100 = 10^2$$

$$1000 = 10^3$$

$$10000 = 10^4$$

$$100000 = 10^5$$

$$1000000 = 10^6$$

$$100000000 = 10^8$$

$$100 = 10^2$$

$$100 = 10^2 = 10 \times 10$$

$$100 = 10^2 = 10 \times 10^1$$

$$100 = 10^2 = 10 \times 10^1$$

$$100 = 10^2 = 10 \times 10^1 = 10 \times 10 \times 10^0$$

$$100 = 10^2 = 10 \times 10^1 = 10 \times 10 \times 10^0$$

$$100 = 10^2 = 10 \times 10^1 = 10 \times 10^1$$

$$100 = 10^2 = 10 \times 10^1 = 10 \times 10^1$$

$$100 = 10^2 = 10 \times 10^1 = 10 \times 10^1$$

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