

Evaluate the Exponents

Name: _____

Date: _____

Solve the following expressions.

1) $6^4 \times (-2)^2$ = _____

2) $(-4)^7 \times 0^{12}$ = _____

3) $(-8)^3 + (-8)^3$ = _____

4) $(-4)^5 + (-2)^4$ = _____

5) $5^3 \times (-4)^3$ = _____

6) $12^3 \div (-2)^6$ = _____

7) $(-6)^5 \div (-3)^2$ = _____

8) $(-14)^2 - 7^2$ = _____

9) $(-9)^5 \div 3^1$ = _____

10) $(-18)^1 + 2$ = _____

11) $(-16)^3 \times 5^0$ = _____

12) $(-5)^5 - (0)^{20}$ = _____

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Solve the following expressions.

$$1) \quad 6^4 \times (-2)^2 = \underline{\quad 5184 \quad}$$

$$2) \quad (-4)^7 \times 0^{12} = \underline{\quad 0 \quad}$$

$$3) \quad (-8)^3 + (-8)^3 = \underline{\quad -1024 \quad}$$

$$4) \quad (-4)^5 + (-2)^4 = \underline{\quad -1008 \quad}$$

$$5) \quad 5^3 \times (-4)^3 = \underline{\quad -8000 \quad}$$

$$6) \quad 12^3 \div (-2)^6 = \underline{\quad 27 \quad}$$

$$7) \quad (-6)^5 \div (-3)^2 = \underline{\quad -864 \quad}$$

$$8) \quad (-14)^2 - 7^2 = \underline{\quad 147 \quad}$$

$$9) \quad (-9)^5 \div 3^1 = \underline{\quad -19683 \quad}$$

$$10) \quad (-18)^1 + 2 = \underline{\quad -16 \quad}$$

$$11) \quad (-16)^3 \times 5^0 = \underline{\quad -4096 \quad}$$

$$12) \quad (-5)^5 - (0)^{20} = \underline{\quad -3125 \quad}$$