

Order of Operations (J)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(2^3 - 3) \div 5$$

$$6^2 \div (4 + 5)$$

$$3 \times 4 + 7^2$$

$$7^2 - 2 \times 3$$

$$(6 - 5)^3 \times 4$$

$$2 \times (3^3 + 5)$$

$$(9 + 2^2) \times 3$$

$$10 + 8 \times 2^3$$

$$4 \times (3^2 - 7)$$

$$10 \div 2 + 5^2$$

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Simplify each expression using the correct order of operations.

$$\begin{aligned} & (2^3 - 3) \div 5 \\ & = (8 - 3) \div 5 \\ & = 5 \div 5 \\ & = 1 \end{aligned}$$

$$\begin{aligned} & 6^2 \div (4 + 5) \\ & = 6^2 \div 9 \\ & = 36 \div 9 \\ & = 4 \end{aligned}$$

$$\begin{aligned} & 3 \times 4 + 7^2 \\ & = 3 \times 4 + 49 \\ & = 12 + 49 \\ & = 61 \end{aligned}$$

$$\begin{aligned} & 7^2 - 2 \times 3 \\ & = 49 - 2 \times 3 \\ & = 49 - 6 \\ & = 43 \end{aligned}$$

$$\begin{aligned} & (6 - 5)^3 \times 4 \\ & = 1^3 \times 4 \\ & = 1 \times 4 \\ & = 4 \end{aligned}$$

$$\begin{aligned} & 2 \times (3^3 + 5) \\ & = 2 \times (27 + 5) \\ & = 2 \times 32 \\ & = 64 \end{aligned}$$

$$\begin{aligned} & (9 + 2^2) \times 3 \\ & = (9 + 4) \times 3 \\ & = 13 \times 3 \\ & = 39 \end{aligned}$$

$$\begin{aligned} & 10 + 8 \times 2^3 \\ & = 10 + 8 \times 8 \\ & = 10 + 64 \\ & = 74 \end{aligned}$$

$$\begin{aligned} & 4 \times (3^2 - 7) \\ & = 4 \times (9 - 7) \\ & = 4 \times 2 \\ & = 8 \end{aligned}$$

$$\begin{aligned} & 10 \div 2 + 5^2 \\ & = 10 \div 2 + 25 \\ & = 5 + 25 \\ & = 30 \end{aligned}$$