

Order of Operations (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$3 \times 7 + 2$

$8 + 4^2$

$7 \times (4 + 6)$

$3^3 + 10$

$5 + 7 \times 2$

$5 \times 8 + 10$

$8 \div 2^3$

$(8 + 3) \times 5$

$(6 - 4) \times 5$

$(9 + 2) \times 8$

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$$\begin{aligned} & \underline{3 \times 7} + 2 \\ & = \underline{21 + 2} \\ & = 23 \end{aligned}$$

$$\begin{aligned} & 8 + \underline{4^2} \\ & = \underline{8 + 16} \\ & = 24 \end{aligned}$$

$$\begin{aligned} & 7 \times (\underline{4 + 6}) \\ & = \underline{7 \times 10} \\ & = 70 \end{aligned}$$

$$\begin{aligned} & \underline{3^3} + 10 \\ & = \underline{27 + 10} \\ & = 37 \end{aligned}$$

$$\begin{aligned} & 5 + \underline{7 \times 2} \\ & = \underline{5 + 14} \\ & = 19 \end{aligned}$$

$$\begin{aligned} & \underline{5 \times 8} + 10 \\ & = \underline{40 + 10} \\ & = 50 \end{aligned}$$

$$\begin{aligned} & 8 \div \underline{2^3} \\ & = \underline{8 \div 8} \\ & = 1 \end{aligned}$$

$$\begin{aligned} & (\underline{8 + 3}) \times 5 \\ & = \underline{11 \times 5} \\ & = 55 \end{aligned}$$

$$\begin{aligned} & (\underline{6 - 4}) \times 5 \\ & = \underline{2 \times 5} \\ & = 10 \end{aligned}$$

$$\begin{aligned} & (\underline{9 + 2}) \times 8 \\ & = \underline{11 \times 8} \\ & = 88 \end{aligned}$$