

Order of Operations (H)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(6 \times (7 + 4)) \times 2 + 3 + 10$$

$$(8 + 7) \times 4 + 5 \times (3 + 10)$$

$$(6 \times (4 + 7)) \times 2 + 10 + 5$$

$$(4 + 10) \times 6 + 3 \times (8 + 9)$$

$$(5 + 9) \times 2 + 6 \times (3 + 8)$$

$$(6 + 9) \times 7 + 3 \times (8 + 5)$$

$$((5 + 9) \times 3) \times 2 + 6 + 10$$

$$(2 \times (8 + 4)) \times 3 + 6 + 10$$

Order of Operations (H)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} &(6 \times (7 + 4)) \times 2 + 3 + 10 \\ &= (6 \times 11) \times 2 + 3 + 10 \\ &= 66 \times 2 + 3 + 10 \\ &= 132 + 3 + 10 \\ &= 135 + 10 \\ &= 145 \end{aligned}$$

$$\begin{aligned} &(8 + 7) \times 4 + 5 \times (3 + 10) \\ &= 15 \times 4 + 5 \times (3 + 10) \\ &= 15 \times 4 + 5 \times 13 \\ &= 60 + 5 \times 13 \\ &= 60 + 65 \\ &= 125 \end{aligned}$$

$$\begin{aligned} &(6 \times (4 + 7)) \times 2 + 10 + 5 \\ &= (6 \times 11) \times 2 + 10 + 5 \\ &= 66 \times 2 + 10 + 5 \\ &= 132 + 10 + 5 \\ &= 142 + 5 \\ &= 147 \end{aligned}$$

$$\begin{aligned} &(4 + 10) \times 6 + 3 \times (8 + 9) \\ &= 14 \times 6 + 3 \times (8 + 9) \\ &= 14 \times 6 + 3 \times 17 \\ &= 84 + 3 \times 17 \\ &= 84 + 51 \\ &= 135 \end{aligned}$$

$$\begin{aligned} &(5 + 9) \times 2 + 6 \times (3 + 8) \\ &= 14 \times 2 + 6 \times (3 + 8) \\ &= 14 \times 2 + 6 \times 11 \\ &= 28 + 6 \times 11 \\ &= 28 + 66 \\ &= 94 \end{aligned}$$

$$\begin{aligned} &(6 + 9) \times 7 + 3 \times (8 + 5) \\ &= 15 \times 7 + 3 \times (8 + 5) \\ &= 15 \times 7 + 3 \times 13 \\ &= 105 + 3 \times 13 \\ &= 105 + 39 \\ &= 144 \end{aligned}$$

$$\begin{aligned} &((5 + 9) \times 3) \times 2 + 6 + 10 \\ &= (14 \times 3) \times 2 + 6 + 10 \\ &= 42 \times 2 + 6 + 10 \\ &= 84 + 6 + 10 \\ &= 90 + 10 \\ &= 100 \end{aligned}$$

$$\begin{aligned} &(2 \times (8 + 4)) \times 3 + 6 + 10 \\ &= (2 \times 12) \times 3 + 6 + 10 \\ &= 24 \times 3 + 6 + 10 \\ &= 72 + 6 + 10 \\ &= 78 + 10 \\ &= 88 \end{aligned}$$