

HOMEWORK

4.2 Worksheet

Use the order of operations to simplify.

1. $5 \times 6 \times 3 + 2$ _____

2. $(56 + 4) \div 6$ _____

3. $\frac{4 + 8}{2^2 + 2}$ _____

4. $(12 \div 2)^2 \times 3 + 4 \times 0.1$ _____

Insert one set of parentheses to make each equation true.

5. $2 + 3 \times 6 \stackrel{?}{=} 30$

6. $4 \times 15 + 5 \stackrel{?}{=} 80$

7. $25 + 2^4 \times 2 \stackrel{?}{=} 82$

8. $2 \times 2 + 2 \div 2 \stackrel{?}{=} 4$

Write About It

11. Luke simplifies the expression $7 - 3 + 2$ and gets 6. Noah simplifies the same expression and gets 2. Who simplifies the expression correctly? Use the order of operations to explain.
