

Order of Operations review

What is the simplified form of each expression?

1. $5(14 - 2)^2 \div 2$

2. $4(20 + 12) \div (4 - 3)$

3. $3^3 \cdot 32 + 12 \div 4$

4. $13 \left[6^2 \div (5^2 - 4^2) + 9 \right]$

5. Evaluate $u + xy$, for $u = 18$, $x = 10$, and $y = 8$.

6. Evaluate $\frac{u}{z} + xy^2$, for $u = 20$, $x = 4$, $y = 7$, and $z = 10$.

7. Evaluate $(ab)^2$ for $a = 4$ and $b = 3$.