

Simplify each of the following expressions.

Across

2) $12 - 2 \cdot 3$

3) $5^2 \cdot 2$

7) $-5 + 20 \div 2$

9) $(-6 + 24) \div 6$

10) $8 + (-2) \cdot 9$

11) $100 \div 20 \cdot 5$

12) $3 - 10 + 18$

13) $22 + 3 \cdot (-6)$

14) $32 \div 8 - 4$

Down

1) $24 - 4 \cdot 2$

2) $5^2 - 2^3$

4) $5 \cdot (9 - 7)^2$

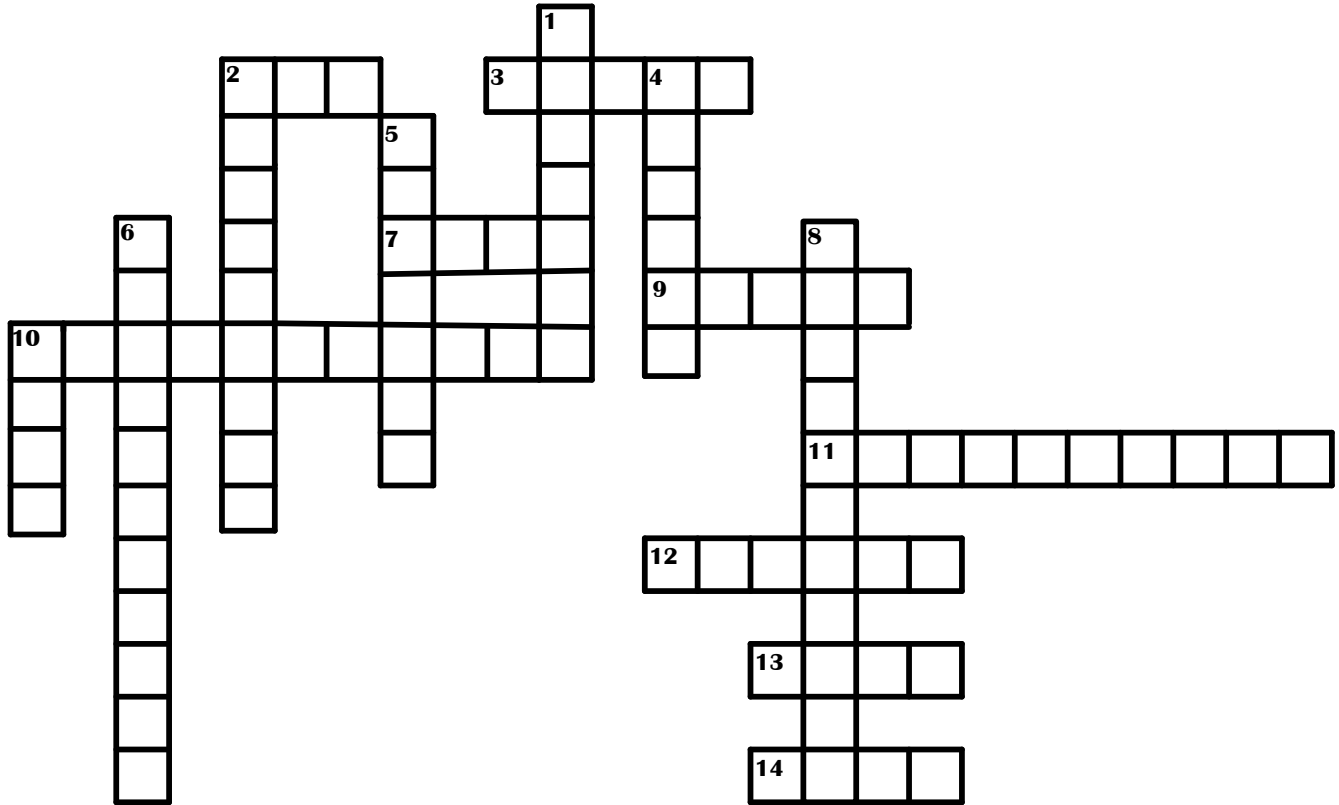
5) $9 \cdot 5 - 30$

6) $-24 \div 2 + 36 \div 6$

8) $6 + 8 - 16 + 1$

10) $3^2 \cdot 3 - 2 \cdot 9$

Answer Key for Order of Operations Crossword Puzzle III



Simplify each of the following expressions.

Across

2) $12 - 2 \cdot 3 = 12 - 6 = 6$

3) $5^2 \cdot 2 = 25 \cdot 2 = 50$

7) $-5 + 20 \div 2 = -5 + 10 = 5$

9) $(-6 + 24) \div 6 = 18 \div 6 = 3$

10) $8 + (-2) \cdot 9 = 8 + (-18) = -10$

11) $100 \div 20 \cdot 5 = 5 \cdot 5 = 25$

12) $3 - 10 + 18 = -7 + 18 = 11$

13) $22 + 3 \cdot (-6) = 22 + (-18) = 4$

14) $32 \div 8 - 4 = 4 - 4 = 0$

Down

1) $24 - 4 \cdot 2 = 24 - 8 = 16$

2) $5^2 - 2^3 = 25 - 8 = 17$

4) $5 \cdot (9 - 7)^2 = 5 \cdot 2^2 = 5 \cdot 4 = 20$

5) $9 \cdot 5 - 30 = 45 - 30 = 15$

6) $-24 \div 2 + 36 \div 6 = -12 + 6 = -6$

8) $6 + 8 - 16 + 1 = -1$; by working left to right

10) $3^2 \cdot 3 - 2 \cdot 9 = 27 - 18 = 9$