

1-2 Order of Operations Answers

1.
$$\begin{array}{r} 10 - (5 + 3) \\ 10 - 8 \\ 2 \end{array}$$
2.
$$\begin{array}{r} 30 - 2 \cdot 5 - 10 \\ 30 - 10 - 10 \\ 20 - 10 \\ 10 \end{array}$$
3.
$$\begin{array}{r} 24 \div 12 \div 2 \cdot 2 \\ 2 \div 2 \cdot 2 \\ 1 \cdot 2 \\ 2 \end{array}$$
4.
$$\begin{array}{r} 60 - (4 \cdot 10 - 10) \cdot 2 \div 2 \\ 60 - (40 - 10) \cdot 2 \div 2 \\ 60 - 30 \cdot 2 \div 2 \\ 60 - 60 \div 2 \\ 60 - 30 \\ 30 \end{array}$$
5.
$$\begin{array}{r} \frac{4(8-2)}{20-(4+2 \cdot 4)} \\ \frac{4(6)}{20-(4+8)} \\ \frac{24}{20-12} \\ \frac{24}{8} \\ 3 \end{array}$$
6.
$$\begin{array}{r} 2(8-3) - 2(4 \div 2) \cdot 2 \\ 2 \cdot 5 - 2 \cdot 2 \cdot 2 \\ 10 - 2 \cdot 2 \cdot 2 \\ 10 - 4 \cdot 2 \\ 10 - 8 \\ 2 \end{array}$$
7.
$$\begin{array}{r} 3(12 - 20 \div 5) \div 12 + 12 \\ 3(12 - 4) \div 12 + 12 \\ 3 \cdot 8 \div 12 + 12 \\ 24 \div 12 + 12 \\ 2 + 12 \\ 14 \end{array}$$
8.
$$\begin{array}{r} 4^2 - (2 + 1)^2 - 1 \\ 4^2 - 3^2 - 1 \\ 16 - 3^2 - 1 \\ 16 - 9 - 1 \\ 7 - 1 \\ 6 \end{array}$$
9.
$$\begin{array}{r} 6 \div 2(1 + 2) \\ 6 \div 2 \cdot 3 \\ 3 \cdot 3 \\ 9 \end{array}$$
10.
$$\begin{array}{r} 6^2 \div 2(3) + 4 \\ 36 \div 2 \cdot 3 + 4 \\ 18 \cdot 3 + 4 \\ 54 + 4 \\ 58 \end{array}$$
11.
$$\begin{array}{r} 7 + 7 \div 7 + 7 \cdot 7 - 7 \\ 7 + 1 + 7 \cdot 7 - 7 \\ 7 + 1 + 49 - 7 \\ 8 + 49 - 7 \\ 57 - 7 \\ 50 \end{array}$$

