

Evaluate.

1) $5 * -8 - 2 - 9$

2) $(10 - 10) * 1 / 7$

3) $(7 - 8) * 6 * 10$

4) $10 / -5 - 8 + 4$

5) $6 * 3 * (8 - 3)$

6) $-1 + 2 * 7 + 6$

7) $(7 - -9) / (2 * 1)$

8) $-4 / ([7 - 9] / 1)$

9) $(1 + -2 - 9) * 4$

10) $5 + -2 + 9 + 9$

11) $(-5 - -5) * 7 - 10$

12) $-3 + -8 - 2 + 4$

Evaluate.

1) $5 * -8 - 2 - 9$

Answer: -51

2) $(10 - 10) * 1 / 7$

Answer: 0

3) $(7 - 8) * 6 * 10$

Answer: -60

4) $10 / -5 - 8 + 4$

Answer: -6

5) $6 * 3 * (8 - 3)$

Answer: 90

6) $-1 + 2 * 7 + 6$

Answer: 19

7) $(7 - -9) / (2 * 1)$

Answer: 8

8) $-4 / ([7 - 9] / 1)$

Answer: 2

9) $(1 + -2 - 9) * 4$

Answer: -40

$10) 5 + -2 + 9 + 9$

Answer: 21

$11) (-5 - -5) * 7 - 10$

Answer: -10

$12) -3 + -8 - 2 + 4$

Answer: -9

MathVine - Pre-Algebra

Name _____

Order of Operations Integers

Date _____ Period _____

Solution Steps

$$\begin{aligned}
1) & 5 * -8 - 2 - 9 \\
& 5 * -8 - 2 - 9 \\
& -40 - 2 - 9 \\
& -42 - 9 \\
& -51
\end{aligned}$$

$$\begin{aligned}
2) & (10 - 10) * 1 / 7 \\
& (10 - 10) * 1 / 7 \\
& 0 * 1 / 7 \\
& 0 / 7 \\
& 0
\end{aligned}$$

$$\begin{aligned}
3) & (7 - 8) * 6 * 10 \\
& (7 - 8) * 6 * 10 \\
& -1 * 6 * 10 \\
& -6 * 10 \\
& -60
\end{aligned}$$

$$\begin{aligned}
4) & 10 / -5 - 8 + 4 \\
& 10 / -5 - 8 + 4 \\
& -2 - 8 + 4 \\
& -10 + 4 \\
& -6
\end{aligned}$$

$$\begin{aligned}
5) & 6 * 3 * (8 - 3) \\
& 6 * 3 * (8 - 3) \\
& 18 * (8 - 3) \\
& 18 * 5 \\
& 90
\end{aligned}$$

$$\begin{aligned}
6) & -1 + 2 * 7 + 6 \\
& -1 + 2 * 7 + 6 \\
& -1 + 14 + 6 \\
& 13 + 6 \\
& 19
\end{aligned}$$

$$\begin{aligned}
7) & (7 - -9) / (2 * 1) \\
& (7 - -9) / (2 * 1) \\
& 16 / (2 * 1) \\
& 16 / 2 \\
& 8
\end{aligned}$$

$$\begin{aligned}
8) & -4 / ([7 - 9] / 1) \\
& -4 / ([7 - 9] / 1) \\
& -4 / (-2 / 1) \\
& -4 / -2 \\
& 2
\end{aligned}$$

$$\begin{aligned}
9) & (1 + -2 - 9) * 4 \\
& (1 + -2 - 9) * 4 \\
& (-1 - 9) * 4 \\
& -10 * 4 \\
& -40
\end{aligned}$$

$$\begin{aligned}
10) & 5 + -2 + 9 + 9 \\
& 5 + -2 + 9 + 9 \\
& 3 + 9 + 9 \\
& 12 + 9 \\
& 21
\end{aligned}$$

$$\begin{aligned}
11) & (-5 - -5) * 7 - 10 \\
& (-5 - -5) * 7 - 10 \\
& 0 * 7 - 10 \\
& 0 - 10 \\
& -10
\end{aligned}$$

$$\begin{aligned}
12) & -3 + -8 - 2 + 4 \\
& -3 + -8 - 2 + 4 \\
& -11 - 2 + 4 \\
& -13 + 4 \\
& -9
\end{aligned}$$