

Order of Operations HW-1

Evaluate each expression. Show your work.

1) $6 \times 3 \times 3$

2) $(13 + 3) \div 4$

3) $6 + 4 + 5$

4) $5(5 + 1)$

5) $5 + 5 - (12 + 3) \div 5$

6) $4 \div (5(2 - 2) + 4)$

7) $(3 \times 2) \div 3$

8) $2 \div 2(6 \times 3 - 6)$

9) $(2 + 3) \cdot 4 \cdot 2 + 4$

10) $(1 + 1 + 1) \div (5 - 2)$

11) $(5 \cdot 3 - 2^3) \cdot 6$

12) $(5 + 3 - 6) \cdot 6 \cdot 4$

Evaluate each using the values given.

13) $2 + c + b + 3$; use $b = 6$, and $c = 4$

14) $4y(x + z)$; use $x = 2$, $y = 4$, and $z = 1$

Find each sum.

15) $(-2) + 6 + (-7)$

16) $(-4) + (-4) + 1$

Find each difference.

17) $(-1) - (-8)$

18) $(-3) - (-2)$

Simplify each expression.

19) $-7r - 7r$

20) $-7(8n - 5)$