

Simplify.

1.)  $((72 \div 8)^2 - 6) + 8$

2.)  $(12 + 4 + 3)^2 - 7 \cdot 5$

3.)  $(81 \div (9 \cdot 3)) + 6 \cdot 2^2$

4.)  $(6 - (9 - 8)) + 5^2 - 2(4)$

5.)  $\frac{4}{9} + \frac{8}{9} + (8 \cdot 3)$

6.)  $9 \div \frac{2}{3} - (11 - 5)$

7.)  $3^2 - \left(\frac{56}{9+5}\right) + 8 - 3$

8.)  $3^3 + ((4(2) - 6) \cdot 8)$

9.)  $(4 + 6)^2 + ((8 - 5) + 6)$

10.)  $\frac{42}{6} - 3 + (6 + 5)^2$

$$11.) \quad \left(72 \div 8 - \frac{7}{2}\right) + \frac{1}{3} \div \frac{1}{6} - 7$$

$$12.) \quad 2\left(\frac{6}{7}\right) - \left(3 \div \frac{5}{2}\right)$$

$$13.) \quad 6 \div \left(\frac{1}{8} + \frac{5}{8}\right) + 49 \div 7$$

$$14.) \quad (9 - 2) \div \frac{1}{5} - 4(8)$$

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Evaluate each using the values given.

$$15.) \quad n - |m^2| - m; \text{ for } m = 2 \text{ and } n = 7$$

$$16.) \quad y + x + |-6y|; \text{ for } x = 3 \text{ and } y = 9$$

$$17.) \quad \frac{|-5+z|}{4} + y; \text{ use } y = -9 \text{ and } z = -3$$

$$18.) \quad jh + j|h|; \text{ use } h = 6 \text{ and } j = -5$$