

Practice 2.2

© 2012 Kuta Software LLC. All rights reserved.

Evaluate each expression.

1) $4 + 5 \times -6$

2) $-5 - -6 \times 2$

3) $\frac{-1 - 5}{2}$

4) $(-3)(5 + 3)$

5) $4 - (-1 - 2)$

6) $3 - -6 - 6$

7) $\frac{-11 - (6 - 1)}{4}$

8) $-3 - (-6 - (3 - -4))$

9) $4 - (5)((3)(-2))$

10) $2 - -\frac{(6)2}{3}$

Evaluate each using the values given.

11) $p + p + r - q$; use $p = -1$, $q = 1$, and $r = 6$

12) $z + x + 5 - 2$; use $x = 3$, and $z = 2$

Determine if the answer is positive or negative. DO NOT SOLVE!

13) $-\frac{19}{9} \cdot -\frac{7}{6} \cdot \frac{5}{3} \cdot 6 \cdot -\frac{4}{5} \cdot -\frac{11}{7}$

14) $\frac{4}{9} \cdot -\frac{8}{11} \cdot -\frac{5}{8} \cdot -\frac{6}{7} \cdot \frac{3}{5} \cdot \frac{11}{12} \cdot \frac{4}{5}$