

Assignment 1.1 – Order of Operations and Graph Coordinate Points

1. Simplify. Show all work and circle final answer.

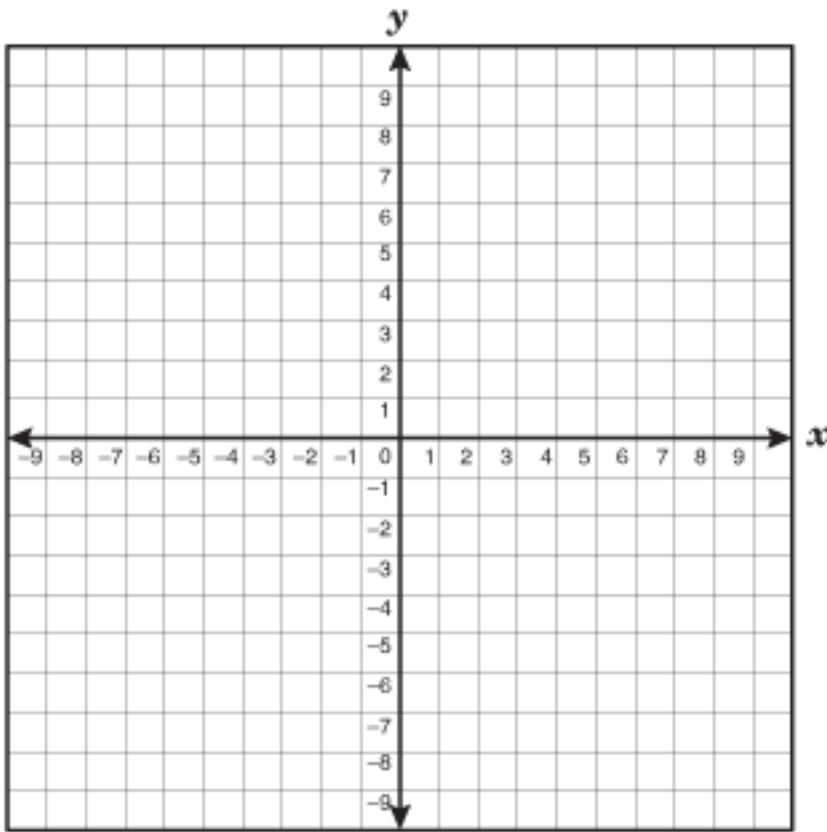
a. $4(-2) + (-3)(-5)$ b. $2(-3) - (-3)(-4)$ c. $\frac{3+5}{-5 \cdot 3 - 1}$

d. $30 - (-10 - -7)$ e. $2[4 - 2(2 - 4)^2]$ f. $\frac{2-5}{0-6}$

g. $(15 + 35) \div (21 + 4)$ h. $6 - (38 - 12) + 4$ i. $10[8(15 - 7) - (4 \cdot 3)]$

j. $[3^3 + 5] \cdot 3 - 11 + 5$ k. $(-4) - \left(\frac{8}{-4}\right)^2 \cdot 9 + 9$ l. $\left[7 - \left(\frac{12}{6}\right)^3\right] \cdot 8 + 8$

2. Graph and label each point in order and connect each point to the next with a line segment.



Connect the points – Group 1

- $(-5, 2)$
- $(-5, 5)$
- $(2, 5)$
- $(4, 3)$
- $(4, 0)$
- $(3, -\frac{1}{2})$
- $(4, -1)$
- $(4, -4)$
- $(2, -6)$
- $(-5, -6)$
- $(-5, -3)$
- $(-4, -3)$
- $(-4, 2)$
- $(-5, 2)$

Connect the points – Group 2

- $(-1, 1)$
- $(-1, 2)$
- $(1, 2)$
- $(1, 1)$
- $(-1, 1)$

Connect the points – Group 3

- $(1, -2)$
- $(1, -3)$
- $(-1, -3)$
- $(-1, -2)$
- $(1, -2)$

3. Find three people that you haven't met before. Write their names (first and last) and one interesting fact about them.

A: _____

B: _____

C: _____