

# Chapter 2 Introduction

Name: \_\_\_\_\_

Evaluate the expression when  $x = \frac{1}{2}$  &  $y = -5$ .

1.  $-2xy$

2.  $4x - 3y$

3.  $\frac{10y}{12x+4}$

4.  $10x + 2(4 - y)$

Evaluate when  $a = -9$  &  $b = -4$ .

5.  $3ab$

6.  $a^2 - 2(b + 12)$

7.  $\frac{4b^2}{2b-7}$

8.  $7b^2 + 5(ab - 6)$

Use the graph to answer each question.

9. Write the ordered pair that corresponds to Point D.

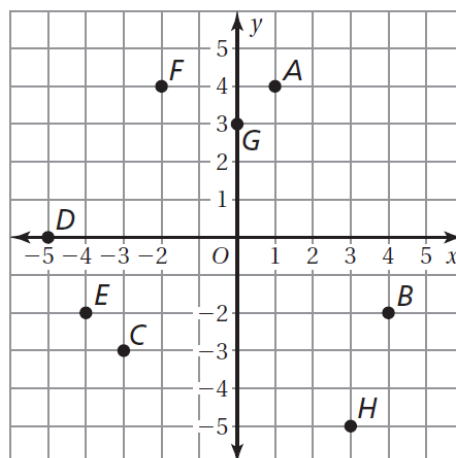
10. Write the ordered pair that corresponds to Point H.

11. Which point is located at  $(-2, 4)$ ?

12. Which point is located at  $(0, 3)$ ?

13. Which point is located in Quadrant IV?

14. Which point is located in Quadrant III?



Plot and label each point.

15. Point A:  $(3, -1)$

16. Point B:  $(0, 2)$

17. Point C:  $(-5, -4)$

18. Point D:  $(-1, 0)$

19. Point E:  $(-2, 3)$

