

Name _____

**LESSON
MASTER**



Questions on SPUR Objectives

Skills Objective A: Find the slope of the line through two given points.

In 1-6, calculate the slope of a line through the two points.

1. $(4, 8)$ and $(6, 12)$

2. $(-3, 2)$ and $(5, -1)$

3. $(0, 11)$ and $(6, 14)$

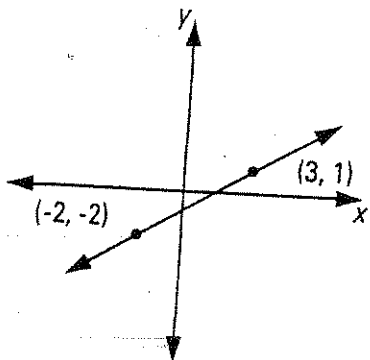
4. $(-8, -1)$ and $(-6, -4)$

5. $(4, 9)$ and $(7, 9)$

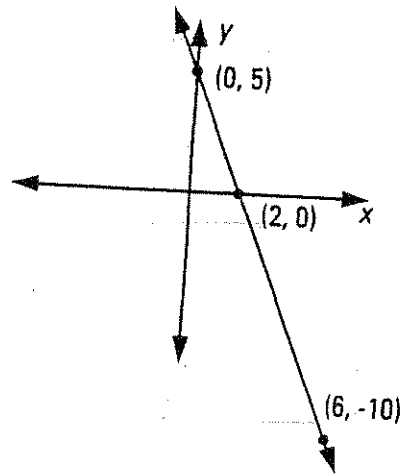
6. $(3, 4)$ and $(4, -18)$

In 7-10, find the slope of the line.

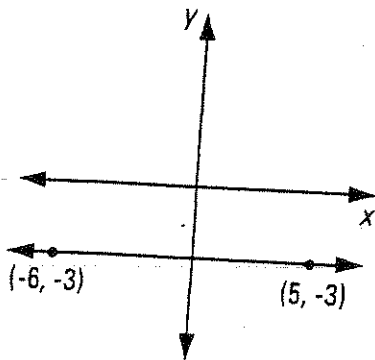
7.



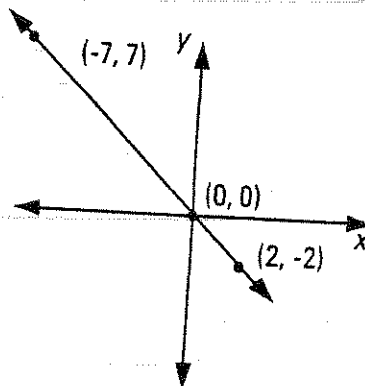
8.



9.



10.



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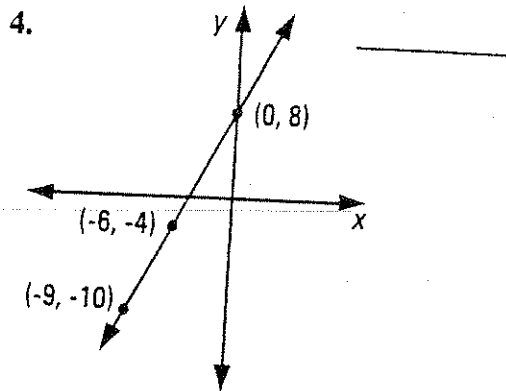
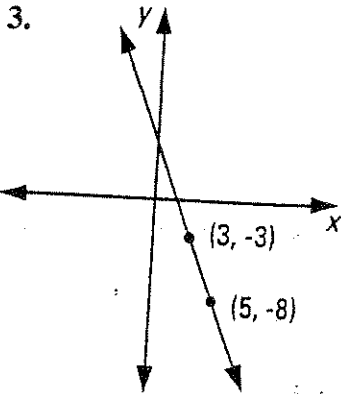
Questions on SPUR Objectives
See pages 480-483 for objectives.

Skills Objective A

In 1 and 2, calculate the slope of the line through the two points.

1. (3, 20) and (7, 36) _____
2. (-6, 5) and (10, 9) _____

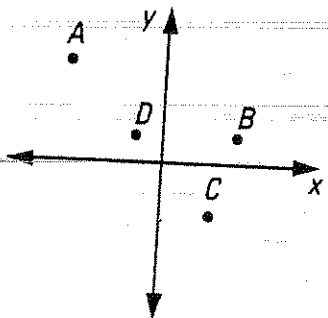
In 3 and 4, find the slope of the line.



5. The points (1, 8) and (m, 14) are on a line with slope 3. Find the value of m.
- _____

Properties Objective D

6. If a line passes through the points (a, b) and (j, k), what is its slope?
- _____
7. Explain how to tell if the slope of a line is positive, negative, or zero by looking at its graph.
- _____
- _____



For 8-10, use the graph at the left.

8. Name two points on a line with positive slope. _____
9. Name two points on a line with zero slope. _____
10. The slope determined by points A and D seems equal to the slope determined by which two points?
- _____