

Name _____

6-2A Lesson Master

Questions on SPUR Objectives

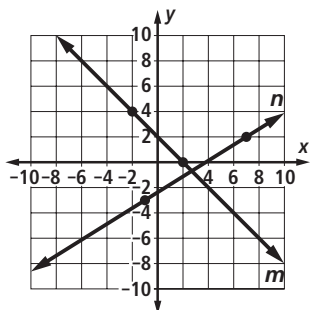
See pages 392–395 for objectives.

SKILLS Objective A

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

1. (2, 30) and (5, 66) _____ 2. (-8, 4) and (8, -4) _____

In 3 and 4, refer to the graph below. Find the slope of the line.

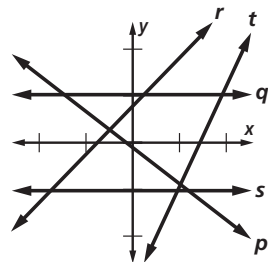


3. line m _____ 4. line n _____
5. The points (2, 8) and $(a, 29)$ are on a line of slope 14.
Find the value of a . _____
6. A line has equation $3x + 4y = 16$. Find its slope. _____

PROPERTIES Objective D

7. If a line passes through the points (a, b) and (r, s) , with $a \neq r$, what is its slope? _____

In 8–12, use the figure below.



8. Name all lines with positive slope. _____
9. Name all lines with negative slope. _____
10. Name all lines with zero slope. _____
11. Which line has the greatest slope? _____
12. Which line could have the equation $y = -3$? _____

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