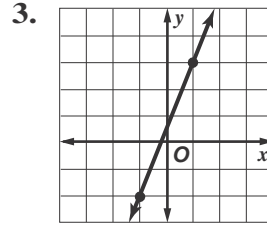
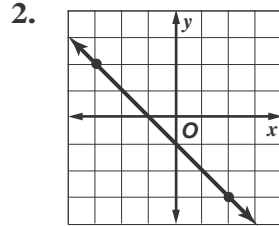
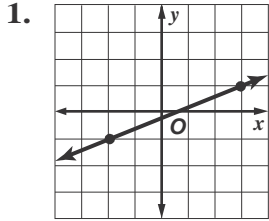


Lesson 2 Homework Practice

Slope

Find the slope of each line.

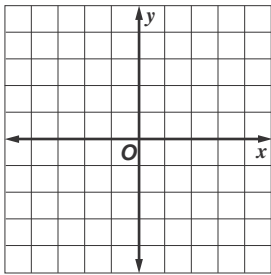


The points given in each table lie on a line. Find the slope of the line.

Then graph the line.

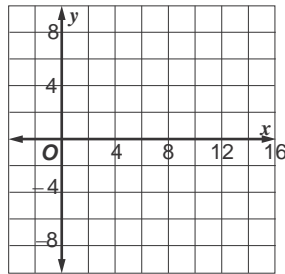
4.

x	-1	1	3	5
y	-2	0	2	4



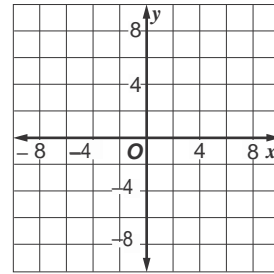
5.

x	-2	3	8	13
y	-2	-1	0	1

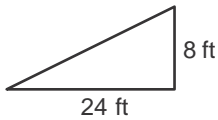


6.

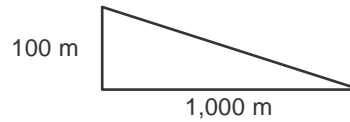
x	-1	2	5	8
y	3	-1	-5	9



7. **HOMES** Find the slope of the roof of a home that rises 8 feet for every horizontal change of 24 feet.



8. **MOUNTAINS** Find the slope of a mountain that descends 100 meters for every horizontal distance of 1,000 meters.



Find the slope of the line that passes through each pair of points.

9. $A(1, 3), B(4, 7)$

10. $C(3, 5), D(2, 6)$

11. $E(4, 0), F(5, 5)$

12. **SNOWFALL** Use the graph at the right. It shows the depth in feet of snow after each two-hour period during a snowstorm.

- Find the slope of the line.
- Does the graph show a constant rate of change? Explain.
- If the graph is extended to the right, could you expect the slope to remain constant? Explain.

