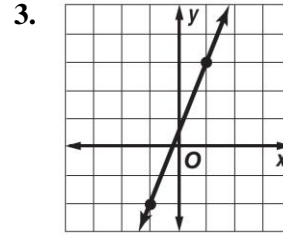
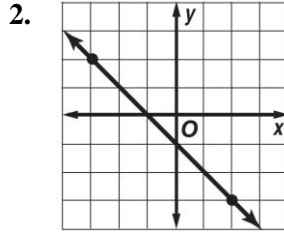
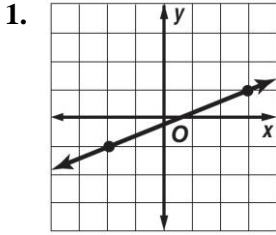


Lesson 5-1 Homework Practice: Find the Slope

Find the slope of each line.



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

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

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

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

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

7.

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

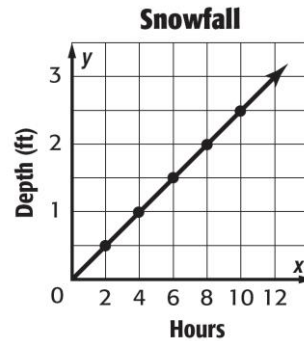
8.

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

9.

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

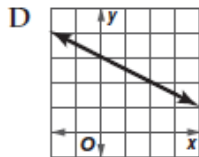
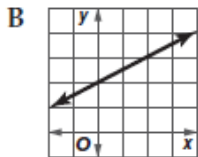
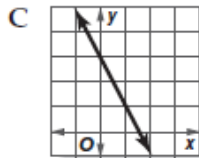
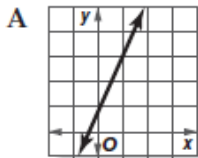
10. **SNOWFALL** Use the graph at the right. It shows the depth in feet of snow after each two-hour period during a snowstorm.



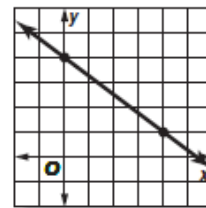
- Find the slope of the line.
- Does the graph show a constant rate of change? Explain.
- If the graph is extended to the right, could you expect the slope to remain constant? Explain.

TEST PRACTICE

Which line graphed below has a slope of -2 ?



What is the slope of the linear function shown in the graph?



- F $-\frac{4}{3}$
G $-\frac{3}{4}$

- H $\frac{3}{4}$
J $\frac{4}{3}$

Question 13: Use the information below to answer all parts for question 1

CLEANING SERVICE A cleaning service company charges \$75 for 2 hours of service and \$135 for 4 hours of service. How much does the cleaning service change for each hour?

a.) Let statements

Let $x =$ _____ Let $y =$ _____

b.) Identify and label coordinates

#1(,) #2(,)

c.) Find the slope: **Show all work**

d.) Write a real-life sentence to represent the slope

e.) Is this line proportional/Non-Proportional? **Show work/Explain**

f.) **EXTENTION:** If it is not proportional, what do you think the fee is for the cleaning service?

Question 14: Use the information below to answer all parts for question 1

BABY-SITTING If you babysit for 5 hours, you make \$60. If you babysit for 7 hours you make \$84. How much do you charge per hour?

a.) Let statements

Let $x =$ _____ Let $y =$ _____

b.) Identify and label coordinates

#1(,) #2(,)

c.) Find the slope: **Show all work**

d.) Write a real-life sentence to represent the slope

e.) Is this line proportional/Non-Proportional? **Show work/Explain**

f.) **EXTENTION:** Do you charge a travel fee for babysitting? If so, how much?



Common Core Spiral Review

#15.) In a basketball game, Benito scored 3 points less than twice the number of points Carnell scored. Carnell scored 8 points. How many points did Benito score?

F. 5 points

G. 11 points

H. 13 points

I. 16 points