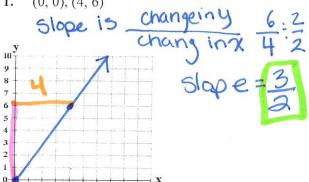
Chapter **5**

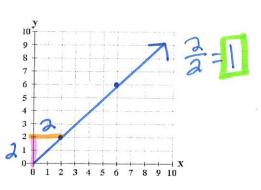
Practice Quest

Graph the line that passes through the two points. Then find the slope of the line.

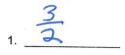
1. (0, 0), (4, 6)



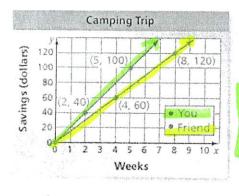
2. (2, 2), (6, 6)



Answers



3. Interpret the point (8, 120) on the following graph.

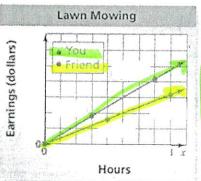


8=#of weeks 120= \$ saved My fried saved \$ 120 in 8 weeks. 3. Write next to graph

The graph shows the money you and your friend earn mowing lawns.

FOR PROBLEMS 4 & 5 DO NOT USE SLOPE

4. Which line/lines show a **proportional** relationship? Yours, your friend's, both or neither? <u>How do you know?</u>



4. Both

Explain in the space around the problem

6. include (0,0)

5. Me

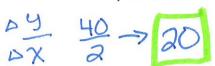
Explain in the space around the problem

The slope is steeper.

5. Who is earning money at a faster rate? How do you know?

Use the graph for problems 6,7,8 & 6,7,8 & 9

6. Find the slope of your line. Write in simplest form.



7. Find the slope of your friend's line. Write in simplest form.



- **Camping Trip** 120 Savings (dollars) 100 60 80 60 (4, 60)5 Weeks

Answers Practice

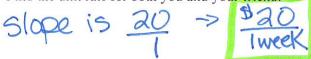
8. Interpret your FRIEND'S slope.

Friend's slope -

My friend earn 5 \$15 every week.

8 . answer near the problem

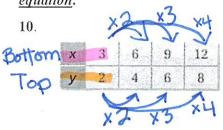
9. Find the unit rate for both you and your friend.



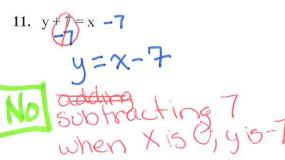
9.me: \$20 week

Friend: 15/week

For problems 10,11, & 12: Do x and y show direct variation? If yes, write the direct variation equation.







Find the slope of the line that passes through the following pairs of points:

