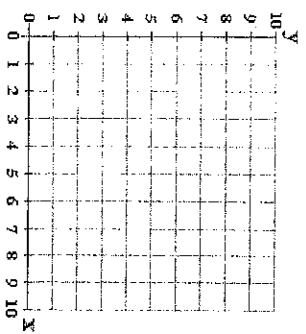


Chapter 5

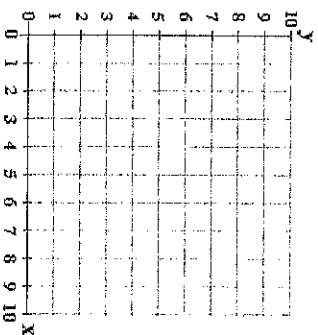
Practice Quest

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

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



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

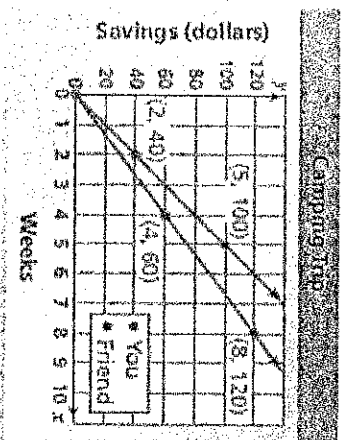


Answers

1. _____

2. _____

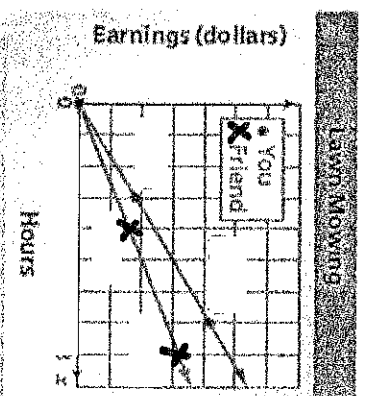
3. Interpret the point $(8, 120)$ on the following graph.



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?* How do you know?



4. _____

Explain in the space around the problem

5. _____

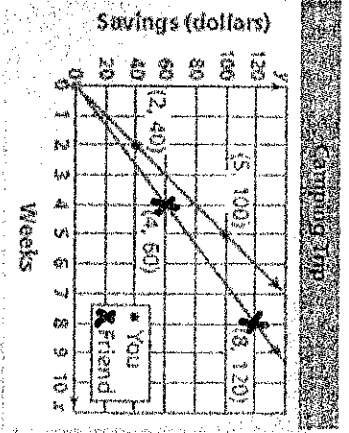
5. Who is earning money at a faster rate? How do you know?

Explain in the space around the problem

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

Answers Practice

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



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

7. _____

8. Interpret your FRIEND'S slope.

8. answer near the problem

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

9me: _____

Friend: _____

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

10. _____

- 10.

11. $y + 7 = x$

11. _____

3	6	9	12
2	4	6	8

12. _____

12. $2y = 3x$

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

13. _____

13. (0,0) (6,5)

14. (3,8) ; (7,10)

14. _____