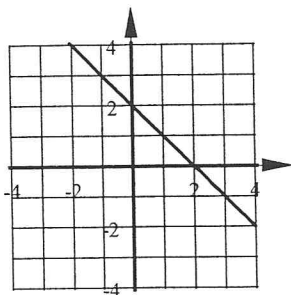


Find the slope of the line in each. Reduce all fractions.

1. The line that passes through the points  $(4, 7)$  &  $(4, -1)$        $m =$

2. The line that passes through the points  $(8, 1)$  &  $(-12, 26)$        $m =$

3. The line in the graph below       $m =$



Find the rate of change in each situation. Round any decimals to the nearest hundredth and give units on your answers.

4. You planted a tree. After 8 months it is 20 inches tall. After 18 months it is 35 inches tall.

Rate of Change =

5. Use the information in the table below.      Rate of Change =

# of trucks	# of cubic yards of soil at the jobsite
2	40.4
5	62.6
9	92.2
16	144

6. Use the information in the graph below.      Rate of Change =

