

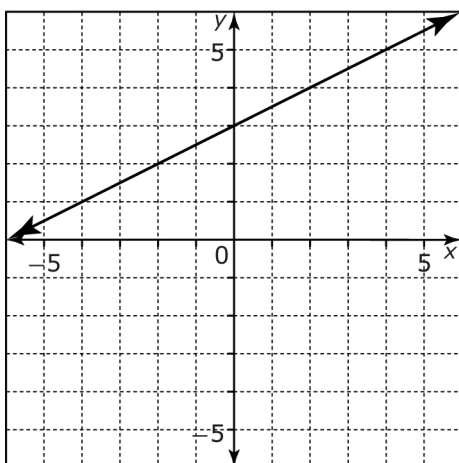
# Chapter 6 Warm-Up

## Section 6.1 Warm-Up

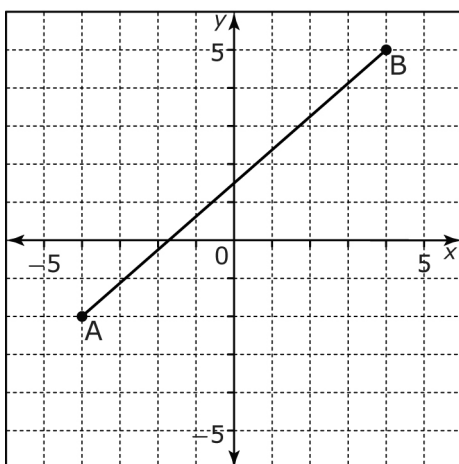
1. Show  $\frac{8}{24}$  in lowest terms.
2. Solve for  $x$  to create an equivalent ratio.  
 $2 : 5 = x : 30$
3. Express 0.09 as a percent.
4. Express 13% as a decimal.
5. Express  $\frac{12}{25}$  as a percent.

## Section 6.2 Warm-Up

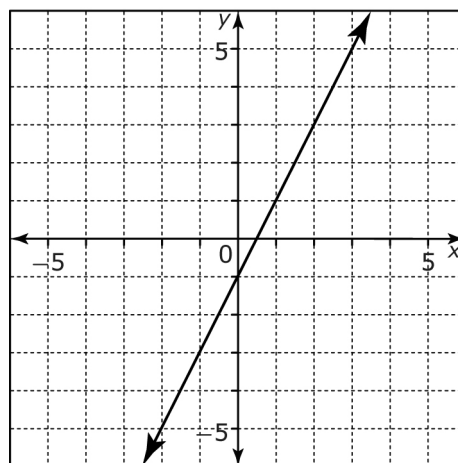
1. What is the rise and run of the line?



2. What is the slope of the line segment?



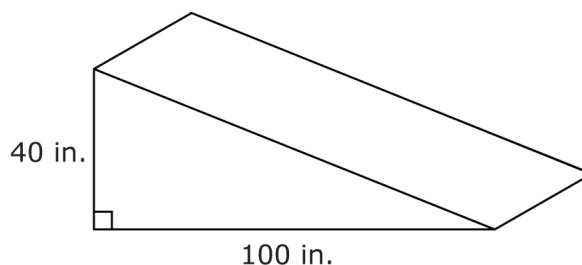
3. What is the slope of the line?



4. Solve the proportion.

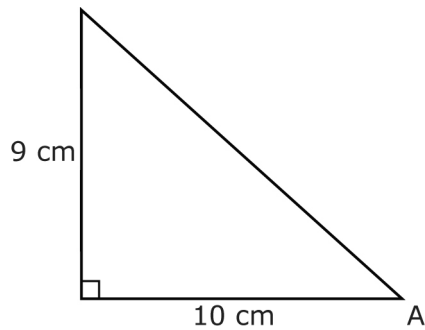
$$\frac{1}{9} = \frac{x}{45}$$

5. Determine the slope of the ramp shown.



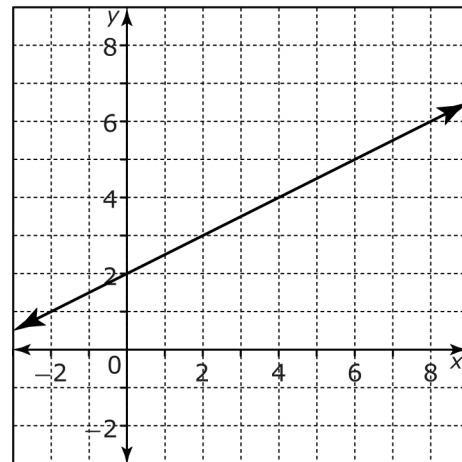
### Section 6.3 Warm-Up

1. Determine the tangent ratio of  $\angle A$  in the triangle shown.



2. Determine the measure of  $\angle A$  in #1.

3. Determine the slope of the line.



4. Determine the angle of elevation of the line in #3.
5. Determine the angle of elevation of a road with a 7% grade.

