## Foundation Worksheet

## 10:03 | Gradients

Class: Name:

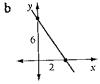
## Examples



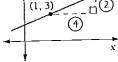
- Gradient (slope) =  $\frac{\text{rise}}{}$
- Lines like / are positive and like \ are negative.
- 1 Find the gradient of the line.



Gradient =  $\frac{3}{4}$ 



Gradient =  $-\frac{6}{2}$ 

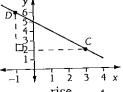


2 Find the rise and run,

then the gradient.

Gradient =  $\frac{2}{4} = \frac{1}{2}$ 

**3** Find the slope of *CD*.

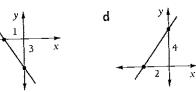




1 Find the gradient of each line from its graph.

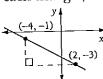




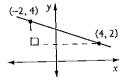


2 Find the rise and run for each triangle, then find the gradient of the line.

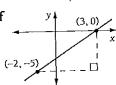


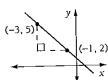








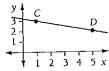


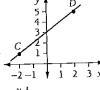




3 Find the slope of CD in each of the following.

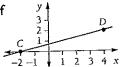


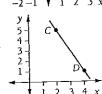


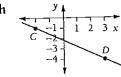












10:03 Gradients

 $b. \frac{8}{5}$ 1.a -2.

 $d - \frac{1}{3}$   $e 2\frac{1}{2}$ 

d -4 e 2 **c** 1 3 a 2