

## Examples

Parallel Lines

Perpendicular Lines

Parallel Lines

Perpendicular Lines



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## Workout

Question 1: (a) Copy the line AB  
(b) Draw a line parallel to AB

Question 2: (a) Copy the line CD  
(b) Draw a line parallel to CD

Question 3: (a) Copy the line EF  
(b) Draw a line parallel to EF

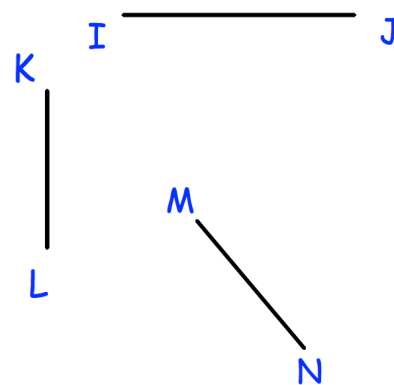
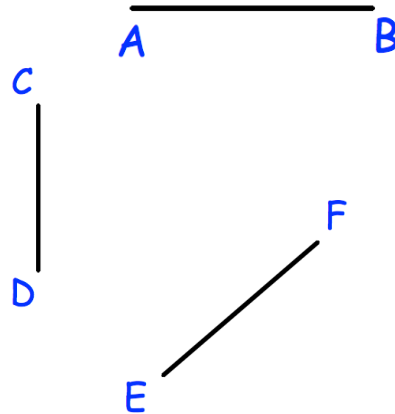
Question 4: (a) Draw a 8cm line and label it GH  
(b) Draw a line parallel to GH

Question 5: (a) Copy the line IJ  
(b) Draw a line perpendicular to IJ

Question 6: (a) Copy the line KL  
(b) Draw a line perpendicular to KL

Question 7: (a) Copy the line MN  
(b) Draw a line perpendicular to MN

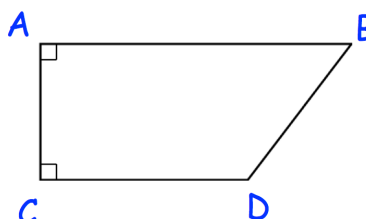
Question 8: (a) Draw a 6cm line and label it OP  
(b) Draw a line perpendicular to OP that passes through the point O.



## Apply

Question 1: ABCD is a trapezium.

- (a) Which line is parallel to AB?  
(b) Which line is perpendicular to CD?

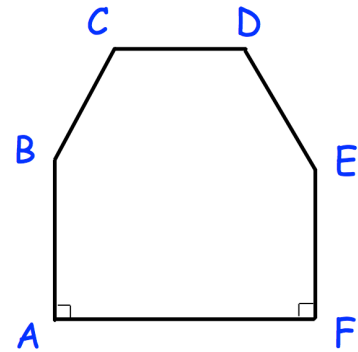


## Parallel and Perpendicular Lines

Videos 231 and 232 on [www.corbettmaths.com](http://www.corbettmaths.com)

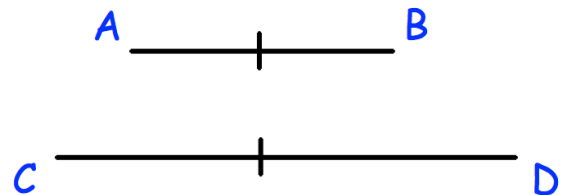
Question 2: Shown is shape ABCDEF

- What is the mathematical name for shape ABCDEF?
- Which line is parallel to AF?
- Which line is parallel to AB?
- Name a line perpendicular to AF.
- Name a line perpendicular to AB.



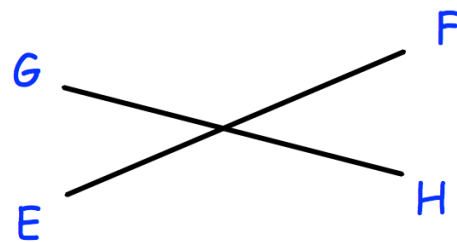
Question 3: Rosie has been asked to draw a pair of parallel lines and to label them as parallel.

Can you explain her mistake?



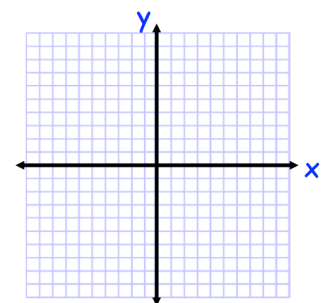
Question 4: Timothy has been asked to draw a pair of perpendicular lines.

Can you explain his mistake?



Question 5: Mia says that the x-axis and the y-axis are parallel  
Megan says the x-axis and the y-axis are perpendicular

Who do you agree with?



Question 6: Explore around you and find 5 examples of parallel lines

Question 7: Explore around you and find 5 examples of perpendicular lines

Answers



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