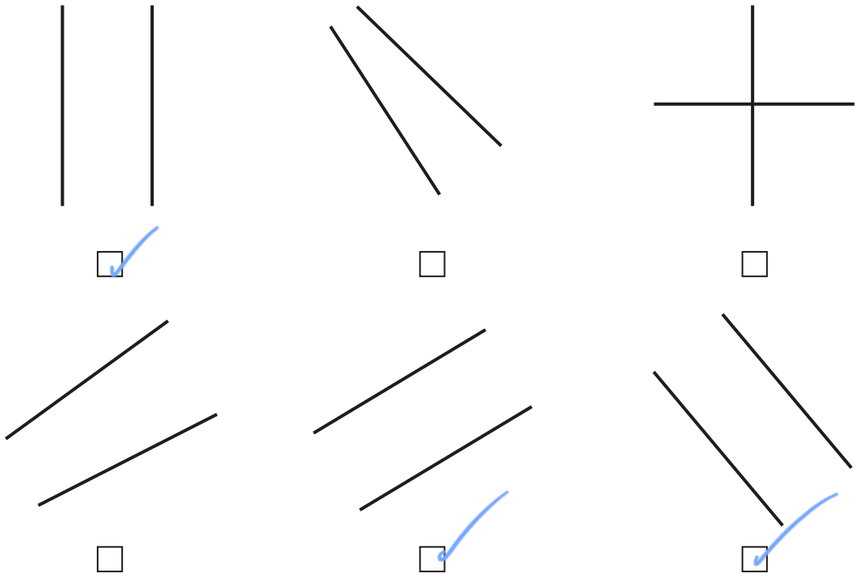
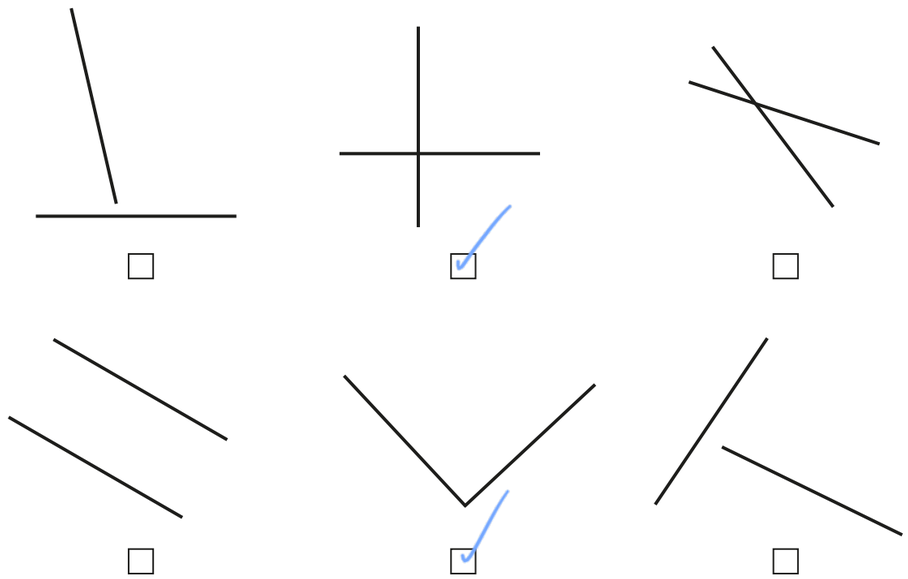
Identify perpendicular and parallel lines

1 Tick the parallel lines.

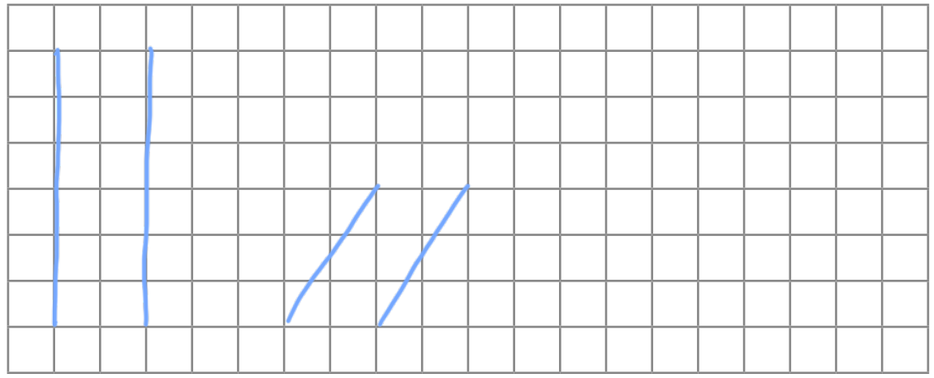


2 Tick the perpendicular lines.



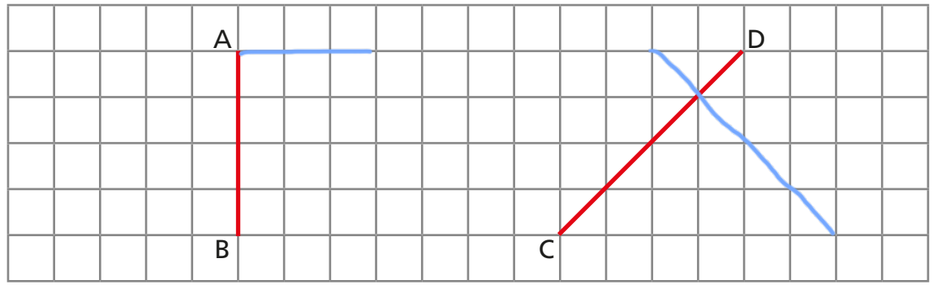
3 On the grid draw two different pairs of parallel lines.

e.g.



4

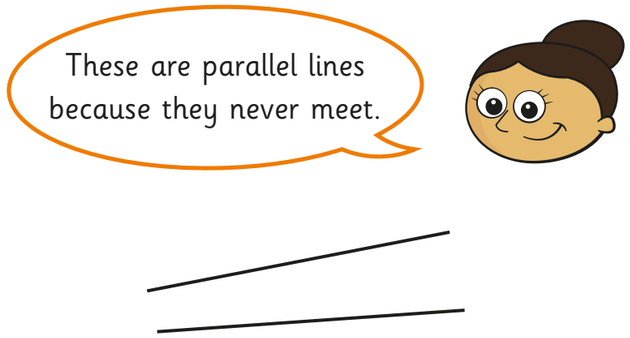
e.g.



a) Draw a line that is perpendicular to AB.

b) Draw a line that is perpendicular to CD.

5



Do you agree with Dora? No

Talk about it with a partner.

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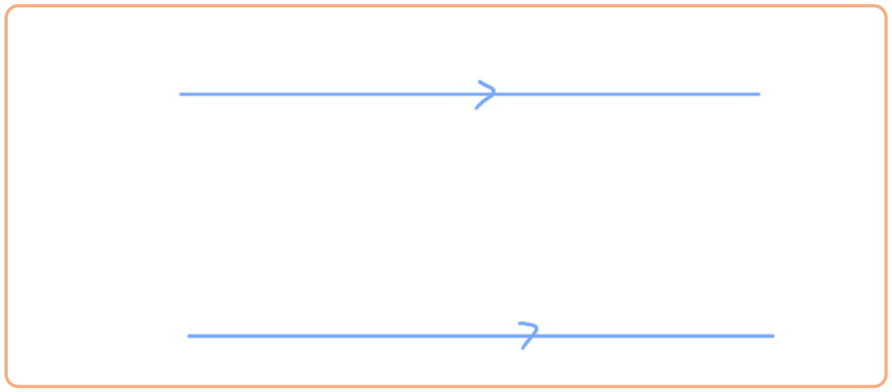
6 **a)** Discuss with a partner how you can draw a pair of parallel lines on blank paper.

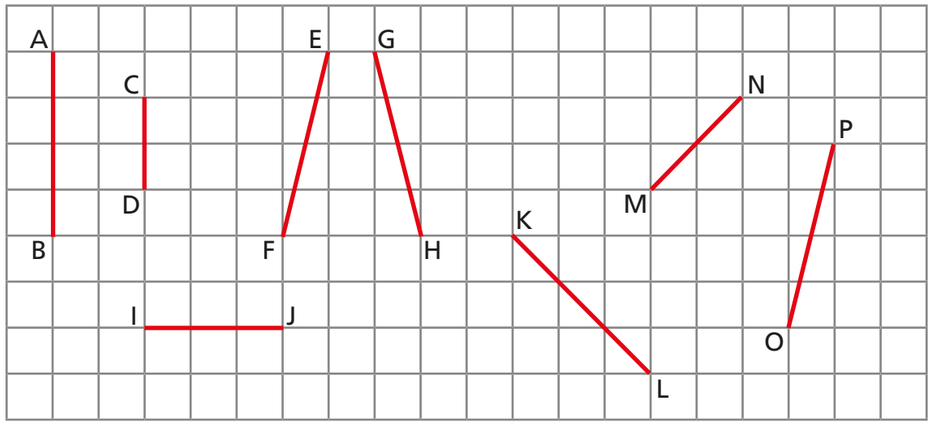
b) Draw a pair of parallel lines.

e.g.



c) Ask your partner to check that the lines are definitely parallel.

7



Complete the sentences.

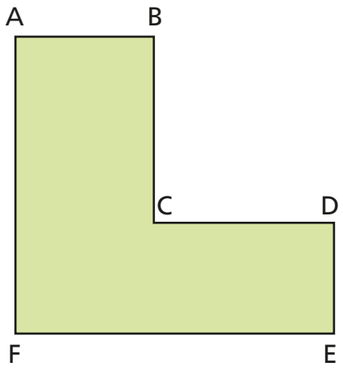
a) AB is parallel to CD

b) IJ is perpendicular to AB and CD

c) EF is parallel to OP

d) KL is perpendicular to MN

8



a) Write the names of all the vertical line segments that are parallel.

AF BC DE

b) Write the names of all the horizontal line segments that are parallel.

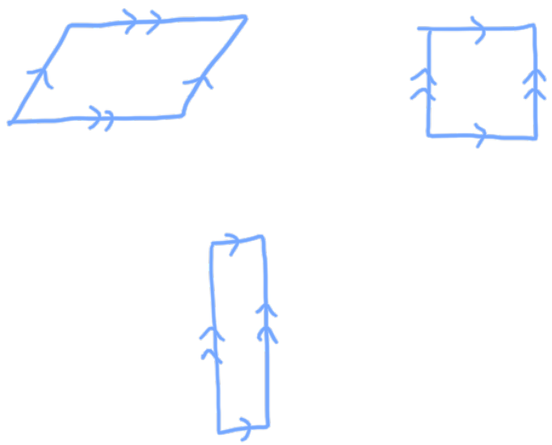
AB CD EF

c) Write the names of all the line segments that are perpendicular to FE.

AF BC DE

9 Draw three different shapes that have two pairs of parallel lines.

e.g.



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