

1) Complete the sentences:

Straight lines that never meet and stay the same distance apart are called

\_\_\_\_\_ lines.

Straight lines which meet at a right angle are

called \_\_\_\_\_ lines.



2) How many parallel and perpendicular lines do these shapes have? Mark the right angles for the perpendicular lines.



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1) Robin wants to draw parallel lines.

Which points should he join up to create a pair of parallel lines? \_\_\_\_\_



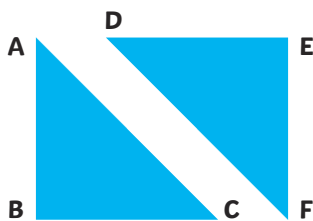
He says, "If I draw a line from A to D, and one from B to C, the lines will be perpendicular to each other."

Is he correct? \_\_\_\_\_

Prove it on the picture!

2) Tick the correct statements:

- Line AC is parallel to line DF.
- Line DE is perpendicular to line EF.
- Line AB is perpendicular to line AC.
- Line AB is parallel to line EF.



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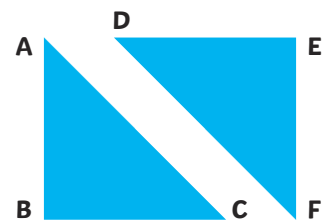
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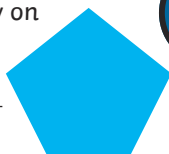
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1) This pentagon has no parallel lines. Can you explain, or show on the diagram, how you know?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

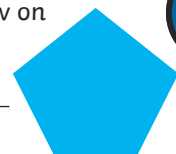


2) Draw a picture of a house which has at least three pairs of parallel lines and three pairs of perpendicular lines.

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