




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) Write the number of pairs of parallel and perpendicular lines you can see in each shape. Mark the right angles for the perpendicular lines.


pairs of parallel lines: \_\_\_\_\_

pairs of perpendicular lines: \_\_\_\_\_




pairs of parallel lines: \_\_\_\_\_

pairs of perpendicular lines: \_\_\_\_\_



pairs of parallel lines: \_\_\_\_\_

pairs of perpendicular lines: \_\_\_\_\_



1) Robin wants to draw parallel lines.



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

- A                      • B
- C                      • D

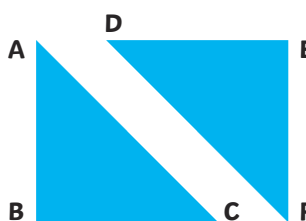
He says, "If I draw a line from A to D, and one from B to C, the lines will be perpendicular to each other."

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.



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

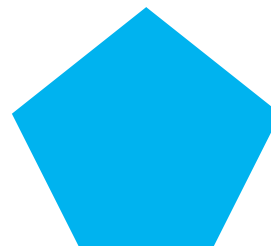


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2) Draw a picture of a house which has at least three pairs of parallel lines and three pairs of perpendicular lines.