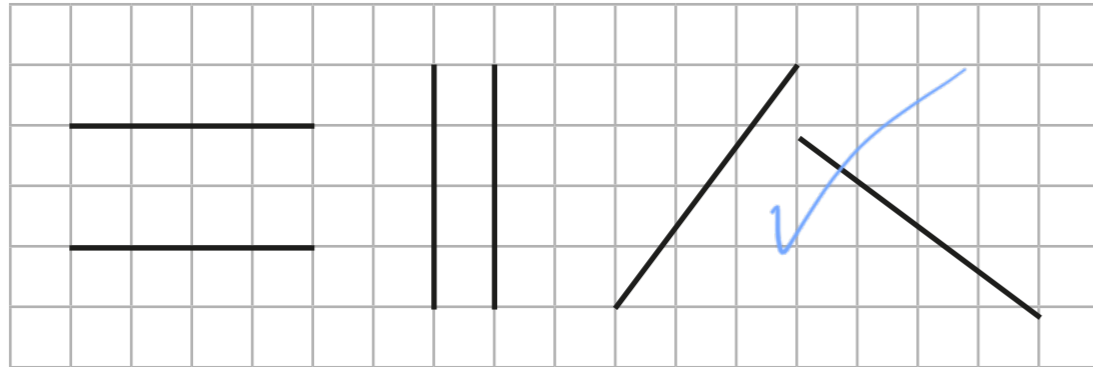


# Parallel and perpendicular

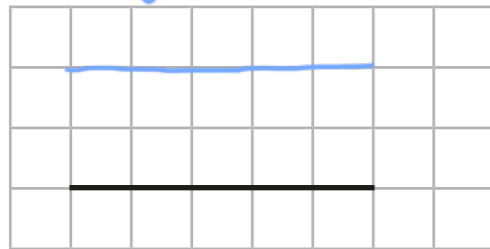
1 Tick the pairs of lines that are not parallel.



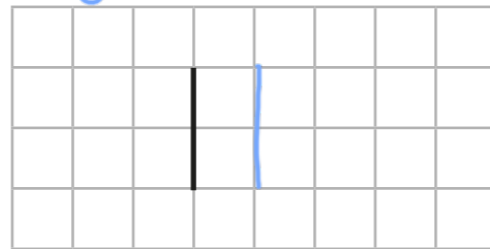
2 Here are two lines.

Draw a line that is parallel to each.

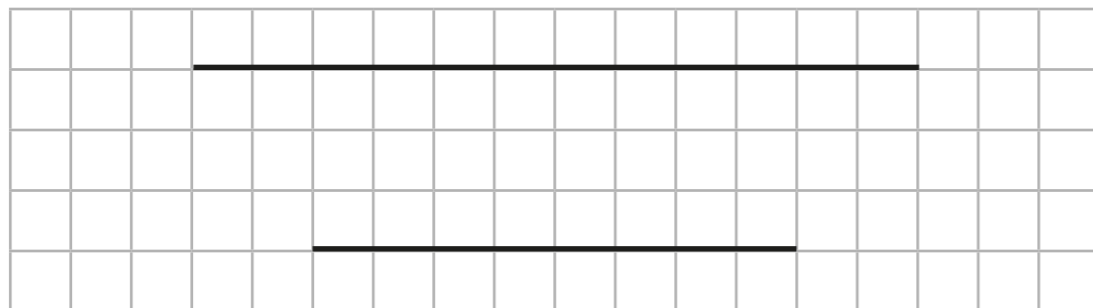
a) e.g.



b) e.g.



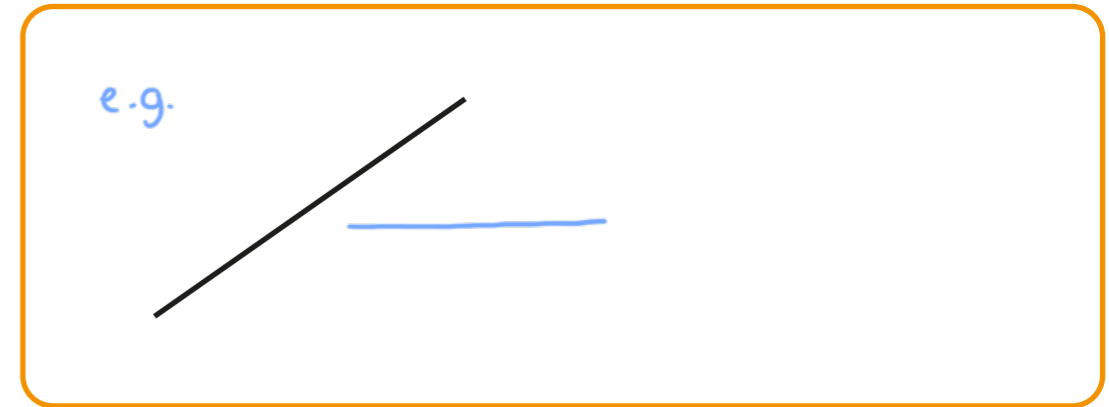
3 Amir says that the lines are not parallel because they are different lengths.



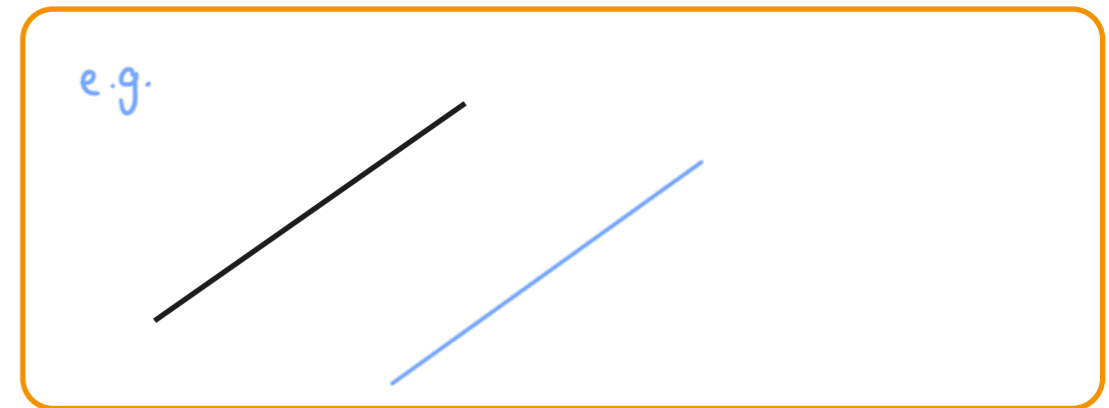
Is Amir correct? No

Why?

4 a) Here is a line. Draw a line that is **not** parallel to it.



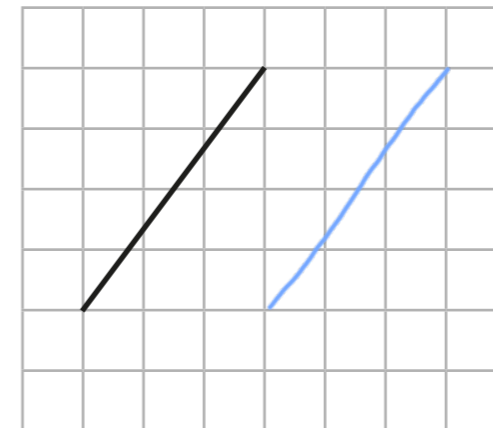
b) Here is a line. Draw a line that is parallel to it.



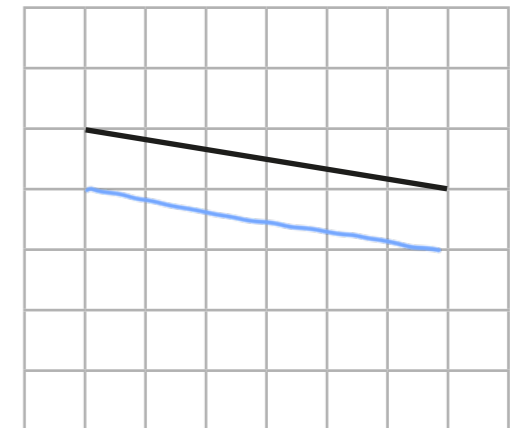
5 Here are two lines.

Draw a line that is parallel to each.

a)



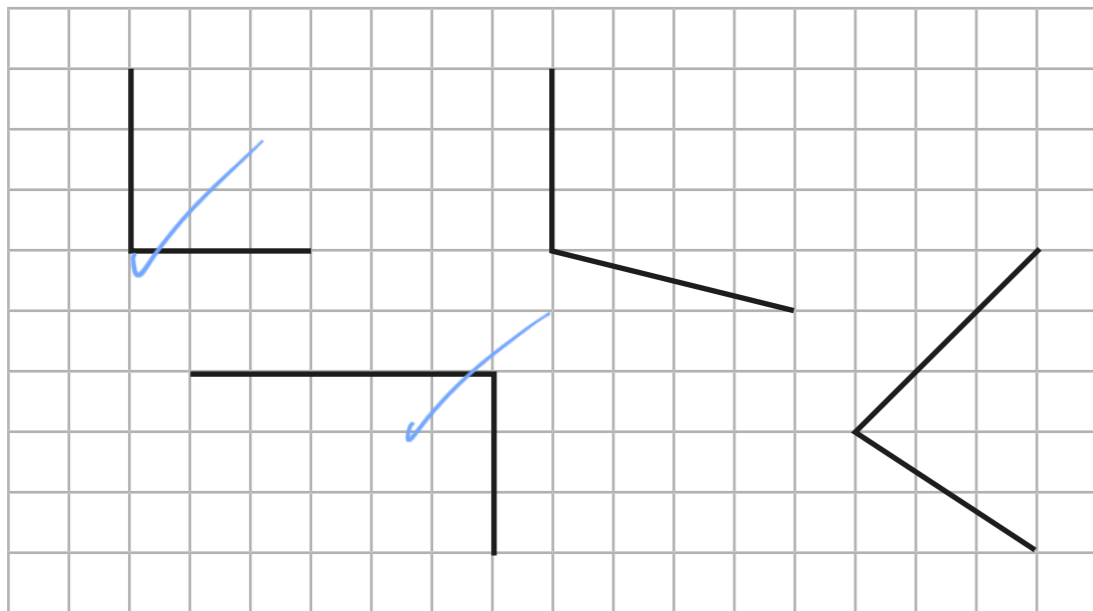
b)



Talk to a partner about how you did it.

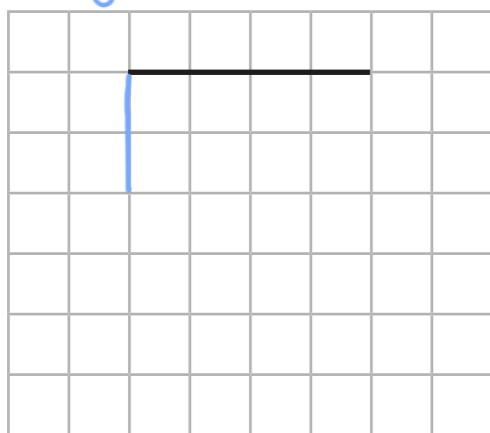


6 Tick the perpendicular lines.

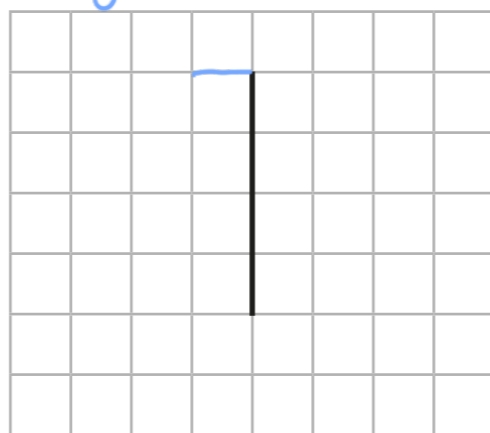


7 Here are two lines. Draw a line that is perpendicular to each.

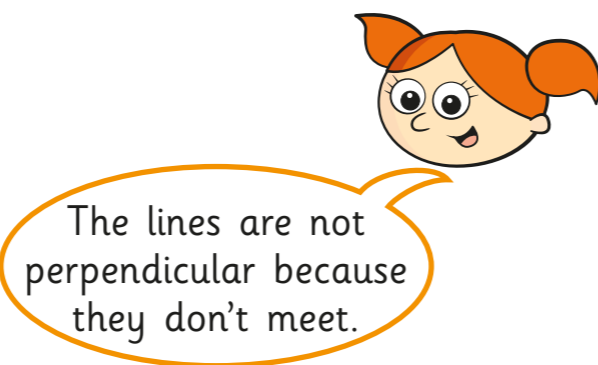
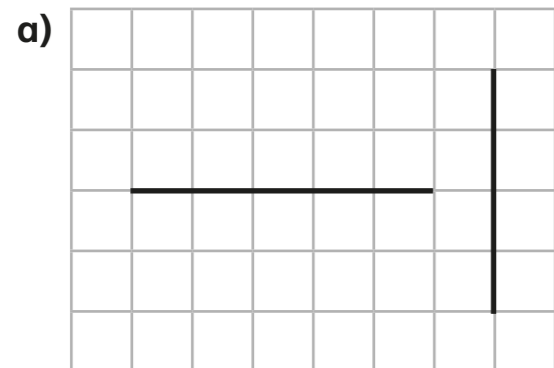
a) e.g.



b) e.g.

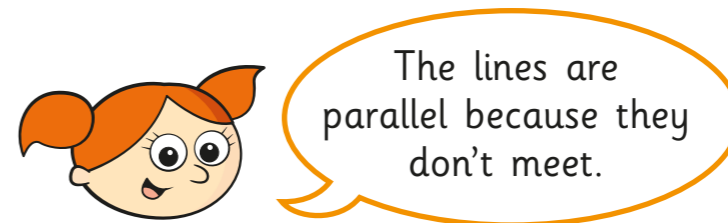
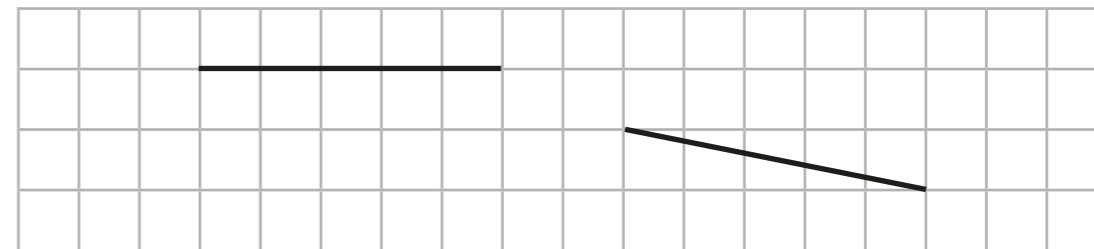


8 Alex has drawn some lines on grids.



Do you agree with Alex? No

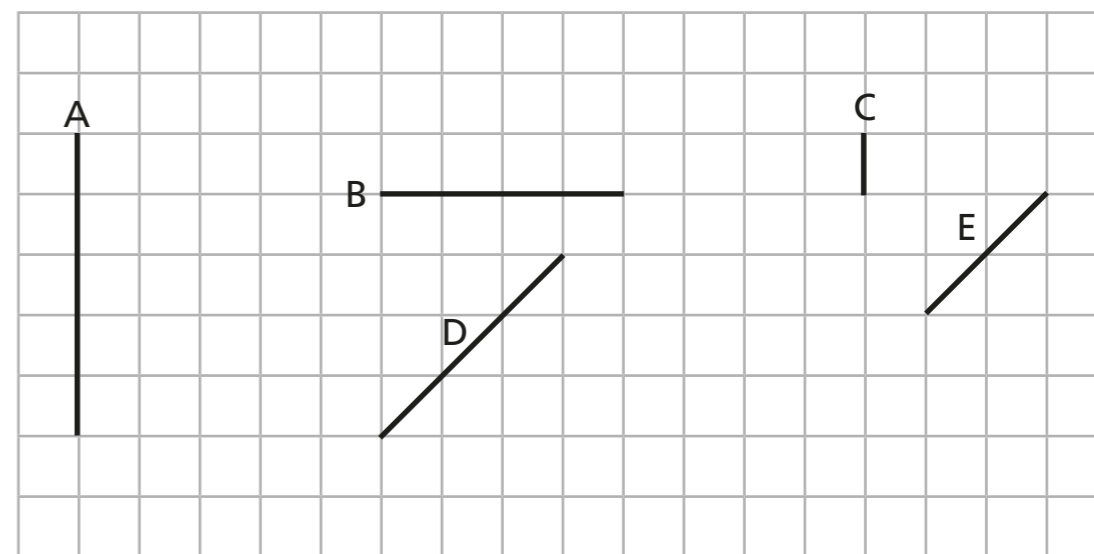
b)



Do you agree with Alex? No

Talk about your answers with a partner.

9 Five lines are drawn on the grid.



a) Which two pairs of lines are parallel?

A and C & D and E

b) Which two pairs of lines are perpendicular?

A and B & B and C