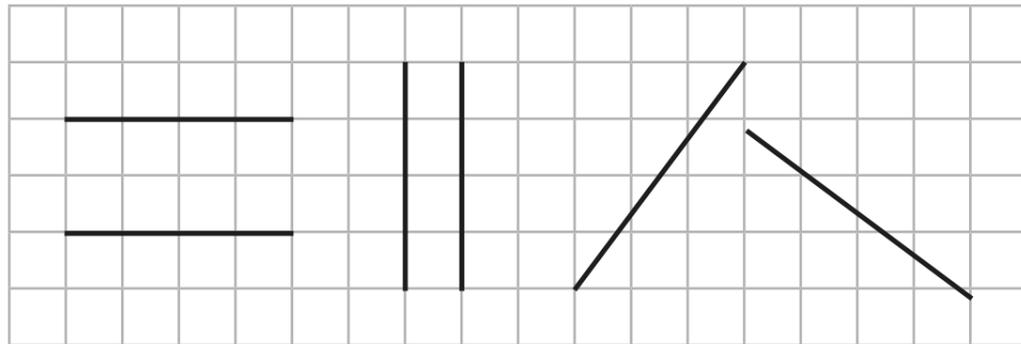


# Parallel and perpendicular

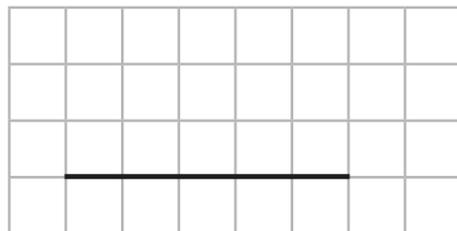
1 Tick the pairs of lines that are not parallel.



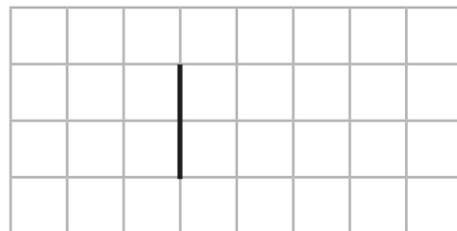
2 Here are two lines.

Draw a line that is parallel to each.

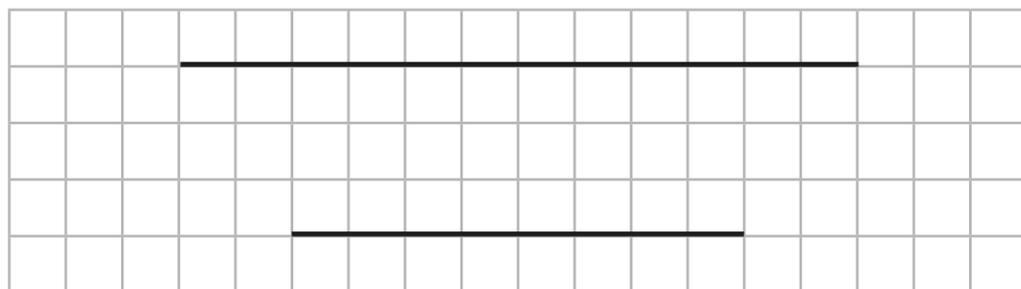
a)



b)



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

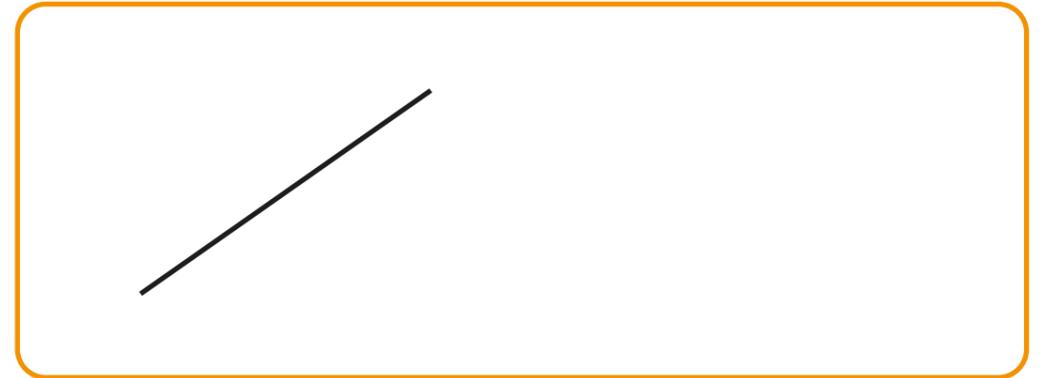


Is Amir correct? \_\_\_\_\_

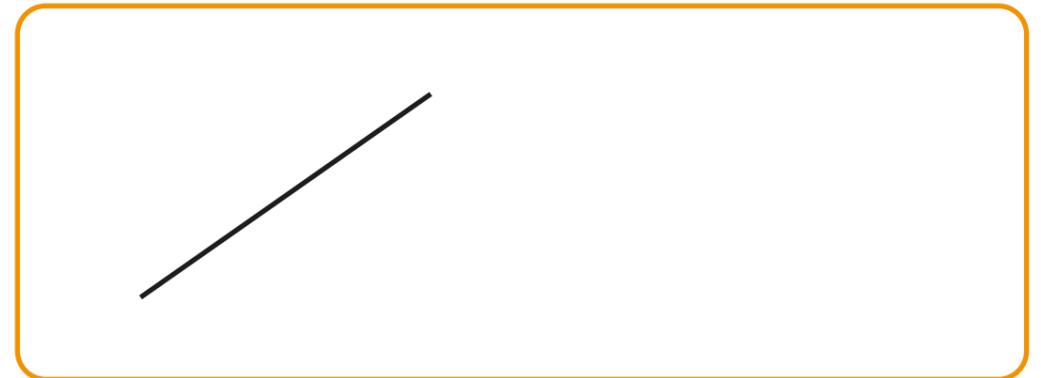
Why?



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



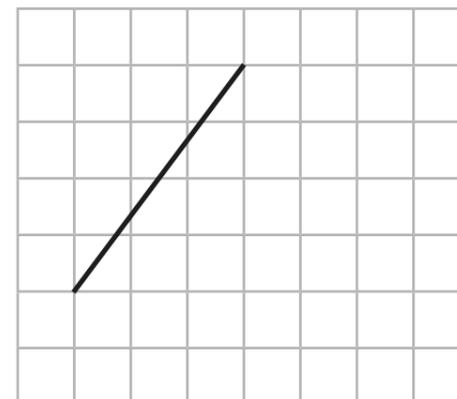
b) Here is a line. Draw a line that is parallel to it.



5 Here are two lines.

Draw a line that is parallel to each.

a)



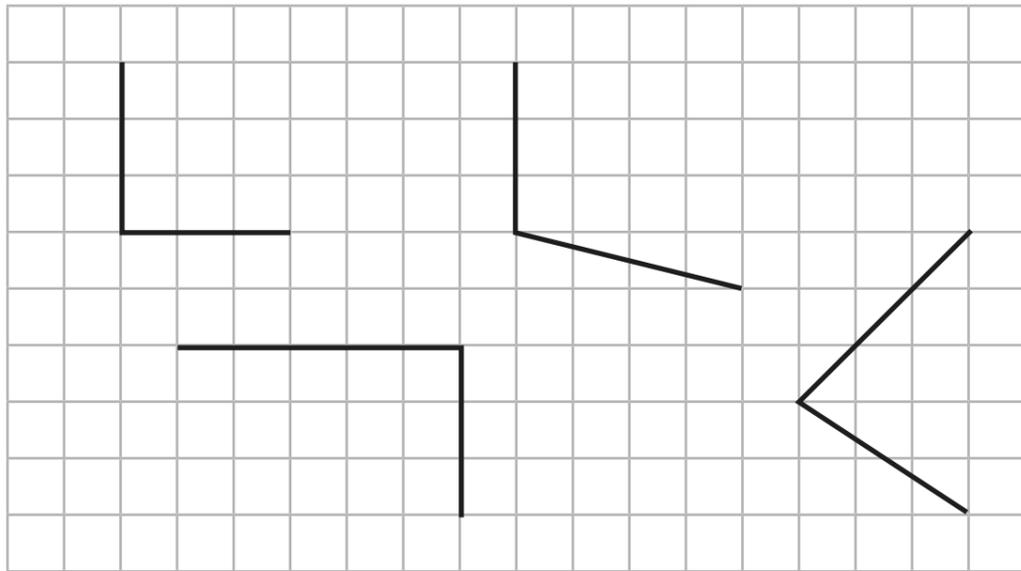
b)



Talk to a partner about how you did it.

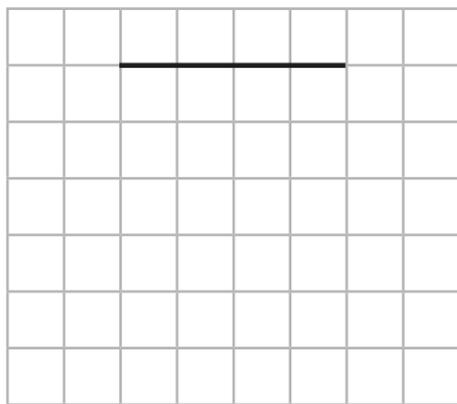


6 Tick the perpendicular lines.

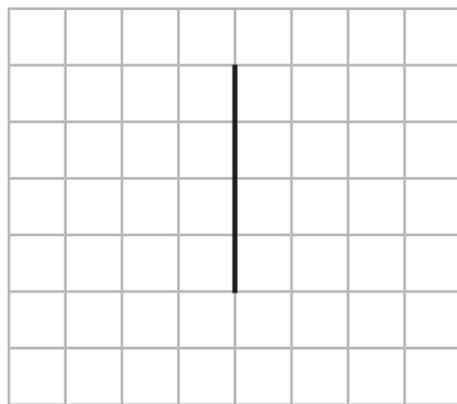


7 Here are two lines. Draw a line that is perpendicular to each.

a)

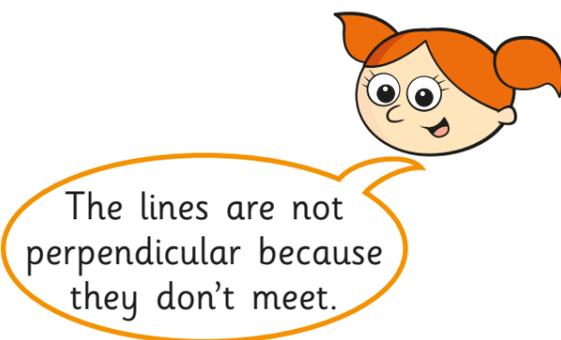
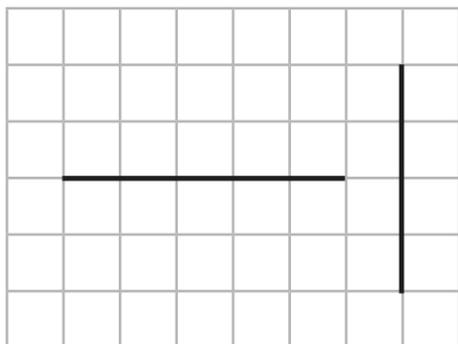


b)



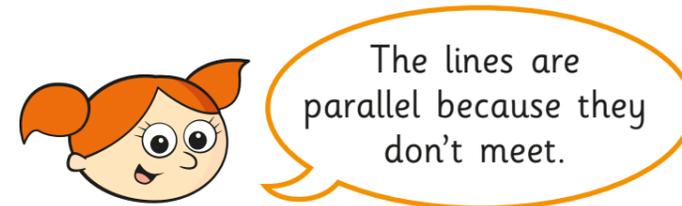
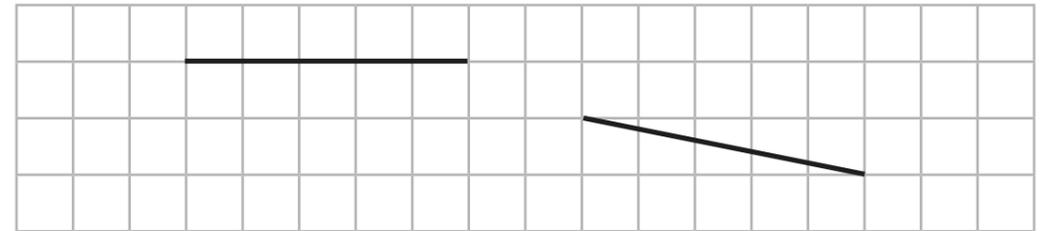
8 Alex has drawn some lines on grids.

a)



Do you agree with Alex? \_\_\_\_\_

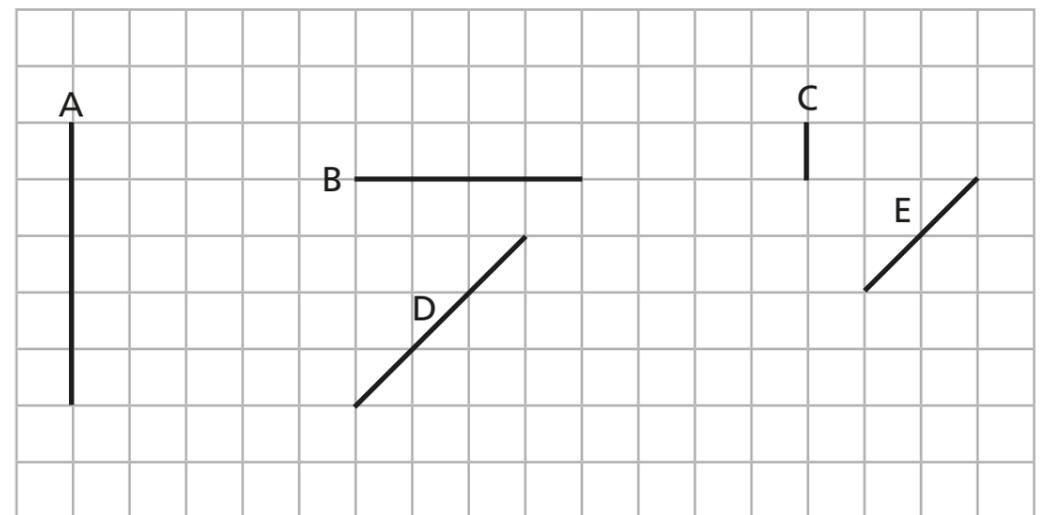
b)



Do you agree with Alex? \_\_\_\_\_

Talk about your answers with a partner.

9 Five lines are drawn on the grid.



a) Which two pairs of lines are parallel?

\_\_\_\_\_

b) Which two pairs of lines are perpendicular?

\_\_\_\_\_

