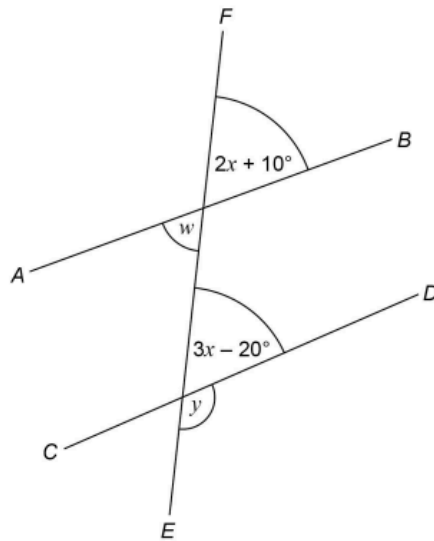


Q1. (2017)

10 AB , CD and EF are straight lines.Not drawn
accurately

10 (b) In fact,
 AB and CD are **not** parallel
 angle w is 60°

What effect does this have on the size of angle y ?

Tick a box.

☐
 y is bigger
☐
 y is the same
☐
 y is smaller

Show working to support your answer.

[3 marks]

Q2. (2018)

8 (a) Show that the lines $y = 3x + 7$ and $2y - 6x = 8$ are parallel.
 Do **not** use a graphical method.

[3 marks]

Q3. (2020)

2 Circle the equation of the line that is parallel to $y = \frac{1}{2}x + 3$

[1 mark]

$y = -2x$

$y = 2x$

$y = \frac{1}{2}x$

$y = -\frac{1}{2}x$

Q4. (2020)

28

Line A has equation $y = 4x - 1$

Line B is

perpendicular to line A

and

passes through the point (8, 5)

Work out the coordinates of the point where line B intersects the x -axis.**[4 marks]**

Answer (_____ , _____)