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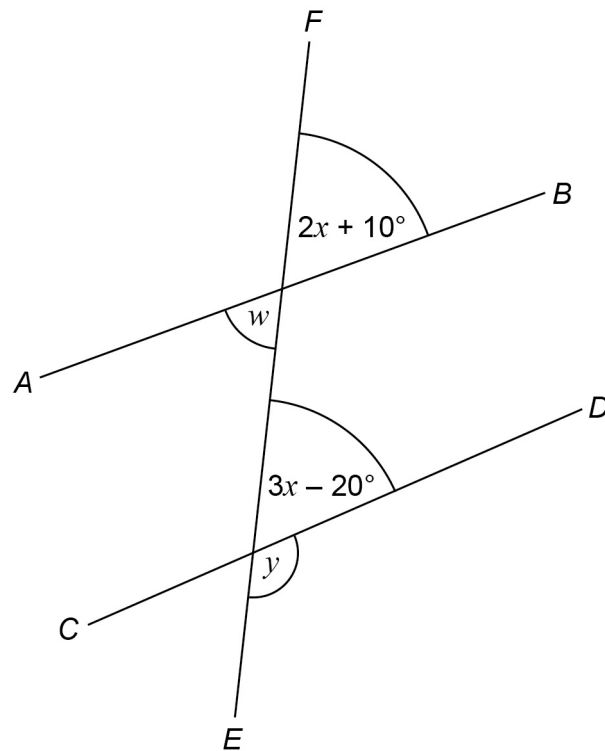
Not drawn accurately

F

B

$2x + 10°$

w

A

D

$3x - 20°$

y

C

E

10 (a)   Ava assumes that *AB* and *CD* are parallel.

What answer should she get for the size of angle *y*?

[4 marks]

Answer _____ degrees

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]

_____

_____

_____

_____

_____

_____

Turn over for the next question

7

Turn over ▶