

GCSE Maths worksheet 21

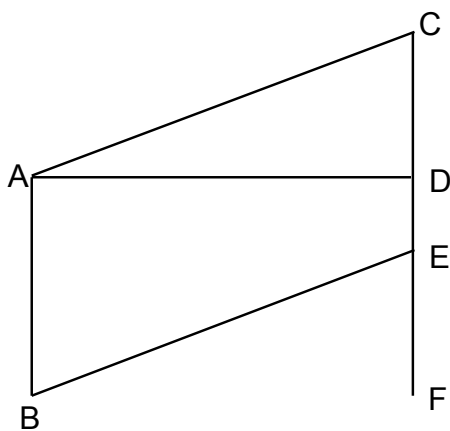
Name _____

Group _____

Don't use a calculator. Do all your working on this sheet. Answer all the questions.

1

The diagram below has been drawn accurately.
Each vertex has been labelled with a letter.
The line AB is the vertical line on the left of the diagram.



Write down a pair of lines that are parallel to each other	
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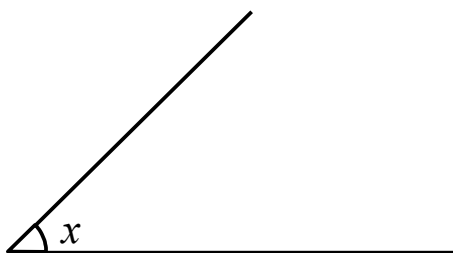
Write down the three letter name of an acute angle on the diagram	
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Write down a pair of lines that are perpendicular	
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Angle BEF is 70° . Write down the value of angle ACD.	
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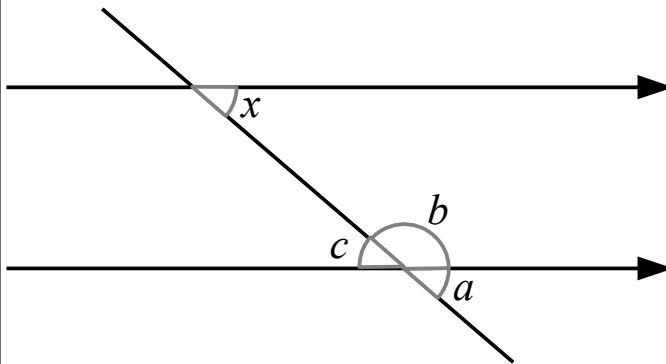
2

Measure angle x as accurately as you can



3

Below are two parallel lines crossed by a third line.



Complete these sentences...

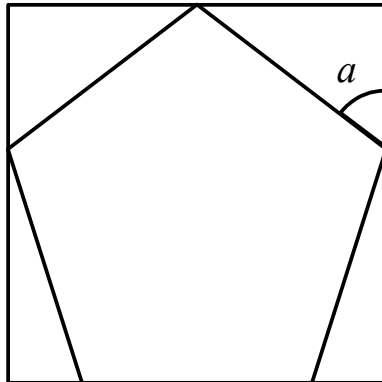
Angle a and x are _____ angles.

Angle b and x are _____ angles.

Angle c and x are _____ angles.

4

The square below has a regular pentagon drawn inside it.



Work out the size of angle a .