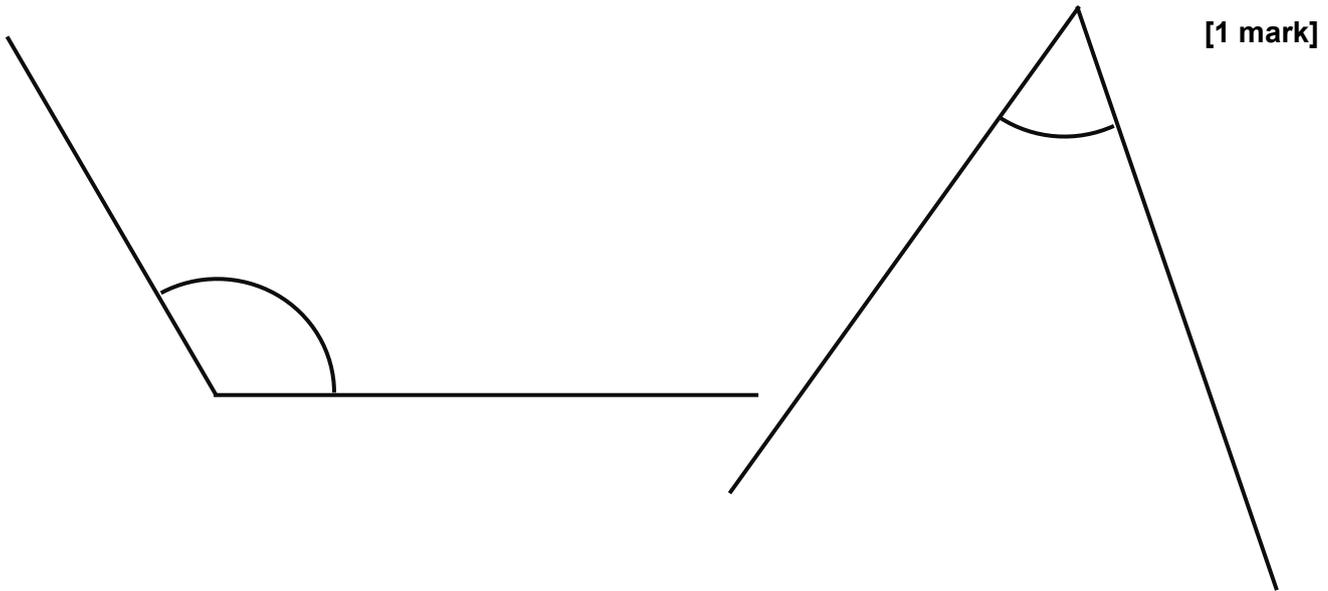


# Angles

## Topic Test 3 (20 minutes)

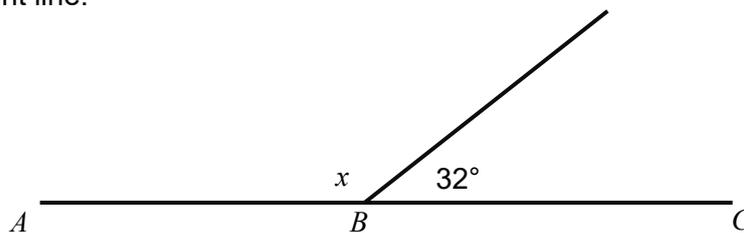
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1 Measure and write down the size of the **acute** angle below.



Answer \_\_\_\_\_ degrees

2  $ABC$  is a straight line.



Not drawn accurately

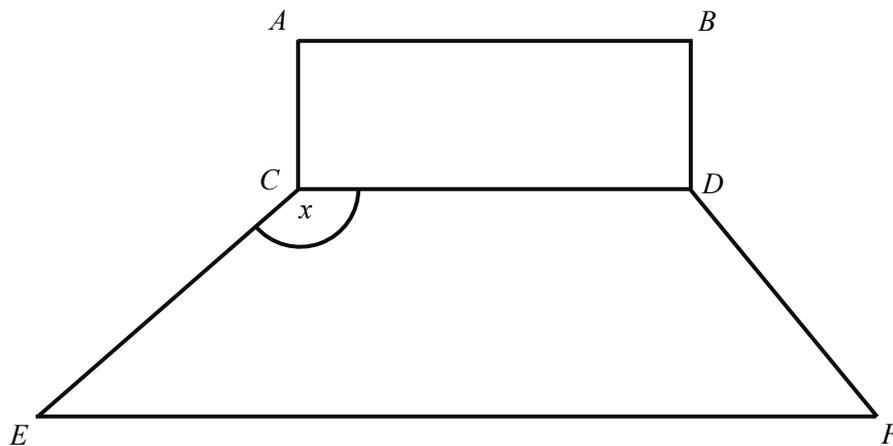
Write down the value of  $x$   
Give a reason for your answer.

[2 marks]

Answer \_\_\_\_\_ degrees

Reason \_\_\_\_\_

- 3 The diagram shows a rectangle  $ABCD$  and a trapezium  $CDEF$



- 3 (a) What type of angle is the angle marked  $x$ ? [1 mark]

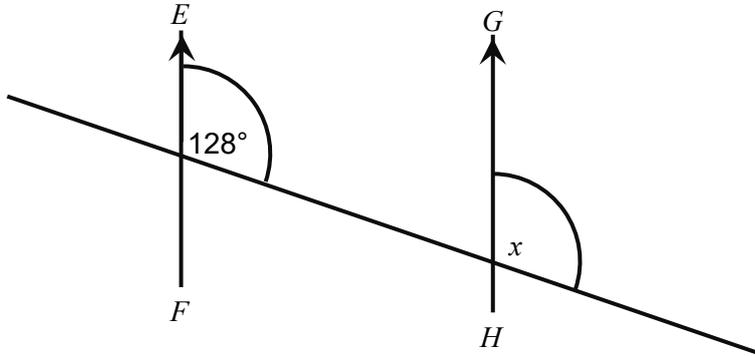
Answer \_\_\_\_\_

- 3 (b) Measure angle  $CEF$  [1 mark]

Answer \_\_\_\_\_ degrees

- 3 (c) On the diagram mark one pair of parallel lines with arrows ( $>$ ) [1 mark]

4  $EF$  is parallel to  $GH$



Not drawn accurately

Work out down the value of  $x$   
Give a reason for your answer.

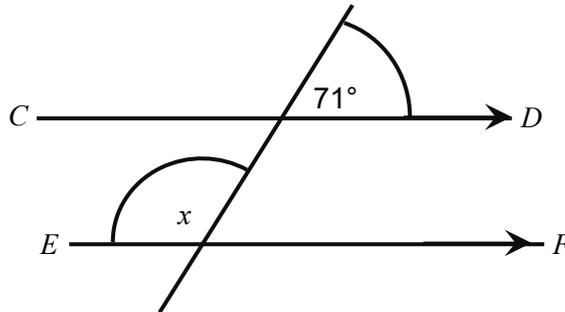
[2 marks]

Answer \_\_\_\_\_ degrees

Reason \_\_\_\_\_

\_\_\_\_\_

5  $CD$  is parallel to  $EF$



Not drawn accurately

Work out the value of  $x$   
Give reasons for your answer

[3 marks]

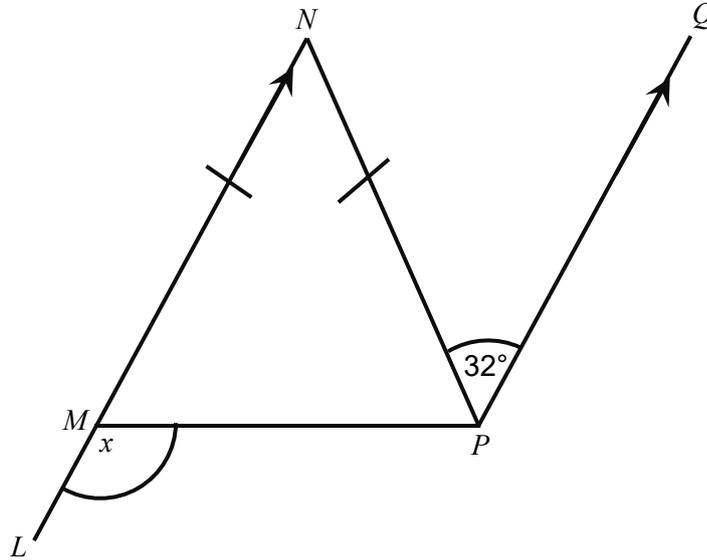
Answer \_\_\_\_\_ degrees

Reasons \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- 6  $LMN$  is a straight line and is parallel to  $PQ$   
 $MN = NP$



Not drawn accurately

Work out the value of  $x$   
Give reasons for your answer.

[3 marks]

Answer \_\_\_\_\_ degrees

Reasons \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**END OF QUESTIONS**