Q1.

Here are five shaded triangles on a square grid.



Write the letter of each triangle that has a **right angle**.



1 mark

Write the letter of each triangle that has two equal sides.



Q2.

The diagonals of this quadrilateral cross at right angles.



Tick **all** the quadrilaterals that have diagonals which cross at right angles.



Q3.

Here are four shapes.

They each have a different number of right angles.



Write the letter for each shape in the correct order.

One has been done for you.



Here are some shaded shapes on a square grid.



Write the letters of the **two** shapes which are hexagons.









Q4.

Look at this shape.

Tick (\checkmark) each angle that is **less** than a right angle.



1 mark

Q6.

This diagram has four angles marked **A**, **B**, **C** and **D**.



Write the letters of the angles that are **obtuse** angles.



The diagram shows a shaded octagon on a square grid.

Line A joins two vertices of the octagon.

Join two other vertices to draw a line **parallel** to line **A**.

Use a ruler.



1 mark

Join two vertices to draw a line **perpendicular** to line **A**.

Use a ruler.



\backslash					
				d	
	a	$\sum_{i=1}^{n}$			
				e	

Write the letters of the angles that are **obtuse**.

Write the letters of the angles that are **acute**.

Q9.

In this shape, one of the angles is **obtuse**.

Tick (\checkmark) the obtuse angle.



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1 mark

-
-
-
-
-

M1. (a) C **AND** D

Letters may be given in either order.

(b) A AND D

Letters may be given in either order.

M2.

Award TWO marks for both kite AND square ticked as shown.



If the answer is incorrect, award **ONE** mark for:

• kite **AND** square and not more than one incorrect shape ticked.

OR

• one correct shape only ticked.

Accept alternative unambiguous positive indications, e.g. shapes circled.

Up to 2m

1

1

[2]

[2]

M3. Letters written in order as shown:

fewest right angles		most right angles		
С	A	В	D	

Letters must be in the correct order.

Accept the correct number of right angles written instead of letters, eg

[1]

[2]

1

1

fewest right angles		most right angles	
С	2	3	4

M4. (a) B **AND** D

Both letters must be given. Letters may be given in either order.

(b) C AND E

Both letters must be given. Letters may be given in either order.

M5. Two angles ticked as shown:



Do not award the mark if additional incorrect angles are ticked. Accept alternative unambiguous indications of the correct angles, eg angles circled.

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M6. A AND D

Letters may be given in either order.

M7.(a) Line drawn parallel to A, as shown:



Accept slight inaccuracies in drawing, provided the intention is clear.

1

(b) Line drawn perpendicular to A, as shown:







[2]

[2]

1

1

1

M8.

(a) c AND e

Letters may be given in either order.

(b) *a* **AND** *d*

Letters may be given in either order.

M9.Correct angle indicated as shown:

Accept alternative unambiguous indications, eg correct angle crossed or circled.

 $\label{eq:M10.A} \textbf{M10.} A \ \textbf{quadrilateral with three acute angles, e.g.}$











Accept inaccurate drawing provided the intention is clear.

[1]