Q1.
Here are five shaded triangles on a square grid.


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


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.

| fewest | most <br> right angles |
| :---: | :---: |
| right angles |  |



Q4.
Here are some shaded shapes on a square grid.


Write the letters of the two shapes which are hexagons.


Write the letters of the two shapes which have right angles.

and


Look at this shape.
Tick ( $\boldsymbol{\checkmark}$ ) each angle that is less than a right angle.


Q6.
This diagram has four angles marked $\mathbf{A}, \mathbf{B}, \mathbf{C}$ and $\mathbf{D}$.


Write the letters of the angles that are obtuse angles.


The diagram shows a shaded octagon on a square grid.
Line $\mathbf{A}$ joins two vertices of the octagon.
Join two other vertices to draw a line parallel to line $\mathbf{A}$.
Use a ruler.


Join two vertices to draw a line perpendicular to line $\mathbf{A}$.
Use a ruler.


Q8.


Write the letters of the angles that are obtuse.
$\qquad$

Write the letters of the angles that are acute.

Q9.
In this shape, one of the angles is obtuse.
Tick $(\boldsymbol{\checkmark})$ the obtuse angle.


Q10.
Join dots on the grid to make a quadrilateral that has $\mathbf{3}$ acute angles.

$$
\begin{array}{ccc}
\bullet & \bullet & \bullet \\
\bullet & \bullet & \bullet \\
\bullet & \bullet & \bullet \\
\bullet & \bullet & \bullet \\
\bullet & \bullet & \bullet \\
& \bullet & \bullet
\end{array}
$$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.

M3. Letters written in order as shown:
fewest
right angles
most right angles

| C | A | B | D |
| :--- | :--- | :--- | :--- |

Letters must be in the correct order.
Accept the correct number of right angles written instead of letters, eg
fewest right angles
most
right angles

| $C$ | 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.
(b) Line drawn perpendicular to A, as shown:


OR


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

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.

M10.A quadrilateral with three acute angles, e.g.


OR


OR


Accept inaccurate drawing provided the intention is clear.

