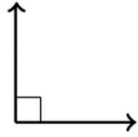


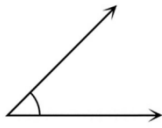
Non-calculator Questions

City & Guilds

1.



A



B



C



D

Which of the above has an angle of 180°?

(tick one box)

A

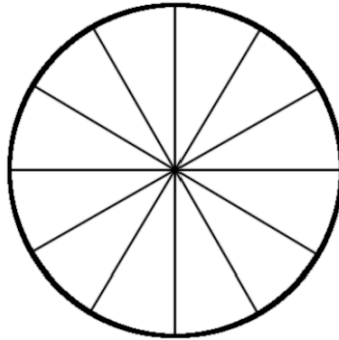
B

C

D

(1 mark)

2.



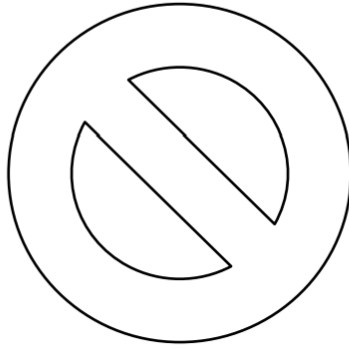
Shade $\frac{2}{3}$ of the circle so there is at least one line of symmetry.

AQA

3.

Draw **all** the lines of symmetry on this shape.

[1 mark]



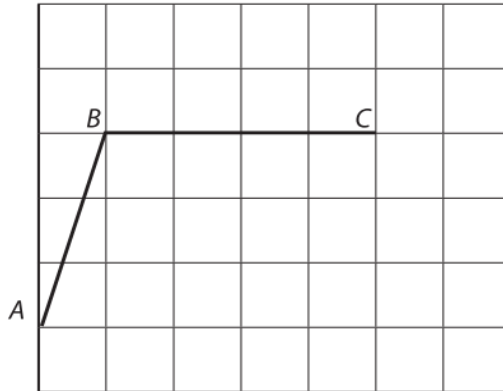
Calculator Questions

Edexcel

1.

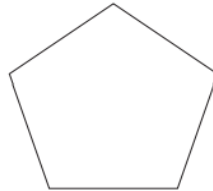
Karen is a cake designer.
She is designing different shaped cakes.

AB and BC are two sides of a parallelogram.



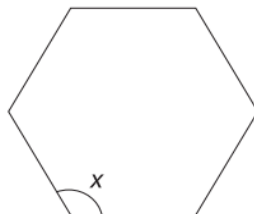
(a) On the grid, complete the parallelogram. (1)

Here is a regular pentagon.



(b) Draw all the lines of symmetry on this pentagon. (1)

Here is a regular hexagon.



(c) What type of angle is angle x ?
Tick the correct answer. (1)

right angle
 acute angle
 reflex angle
 obtuse angle

Level 1 Shapes Exam Questions

2.

(a) Draw a hexagon.

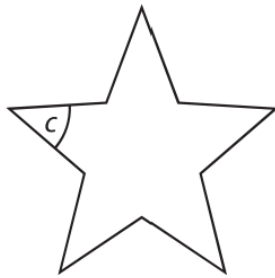
(1)

Here is a shape.



(b) How many lines of symmetry does this shape have?

(1)



(c) Which of these words describes angle c in the shape above?

Tick [✓] the correct box below.

(1)

obtuse

acute

right

reflex

straight

NCFE

3.

Shaz needs to mark out the centre spot of the rectangular football pitch.

She uses the lines of symmetry and marks where they meet.

Draw the lines of symmetry on the diagram below.

[1 mark]



Asha's instructions say, "When you leave the ferry port, go east."

Asha is cycling north.

How many degrees clockwise does she need to turn to cycle east?

[1 mark]

Your answer:

degrees

4.

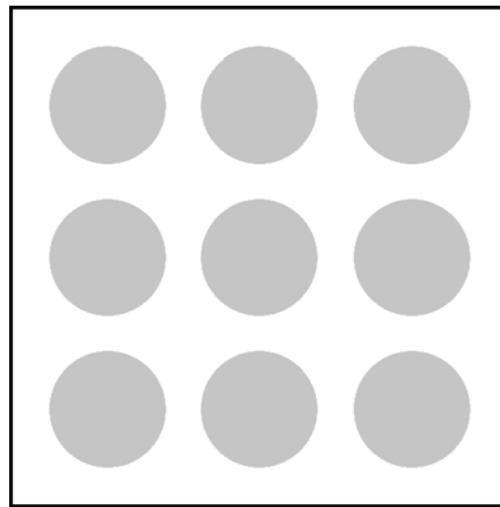
Joe has a loyalty card for the college café.

When he has paid for nine hot drinks, he gets the tenth one free.

Joe notices that the card is symmetrical.

Draw all the lines of symmetry on the loyalty card.

[2 marks]

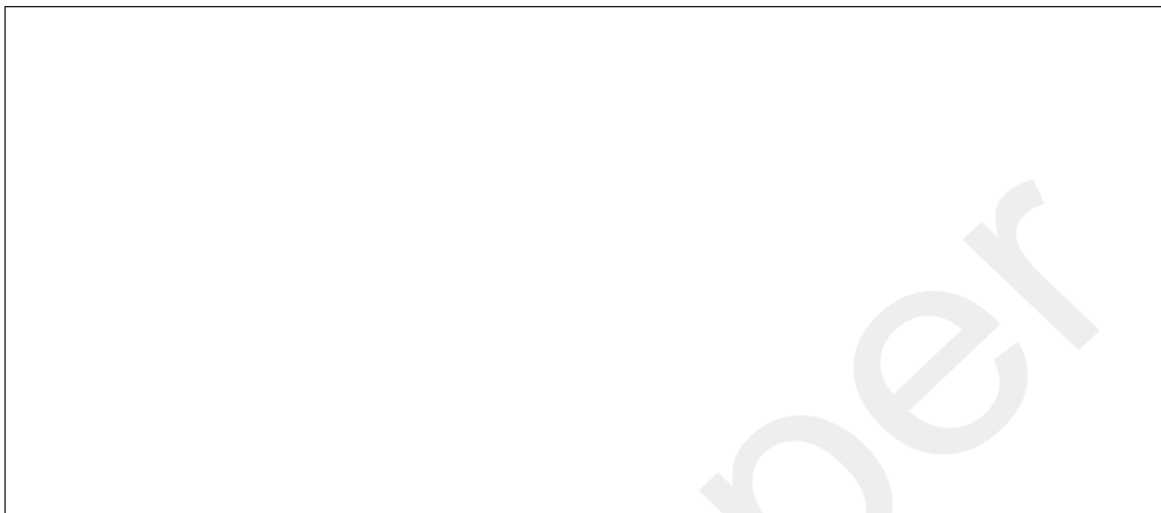


5.

There are some hexagonal tables in student services for students to use.

Draw a hexagon.

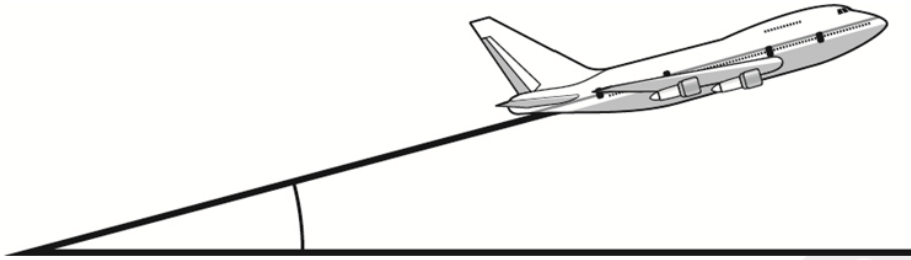
[1 mark]



6.

Simon waits to get on the plane.

He watches another plane taking off.



What type of angle does the plane take off at?

[1 mark]

Tick to show your answer.

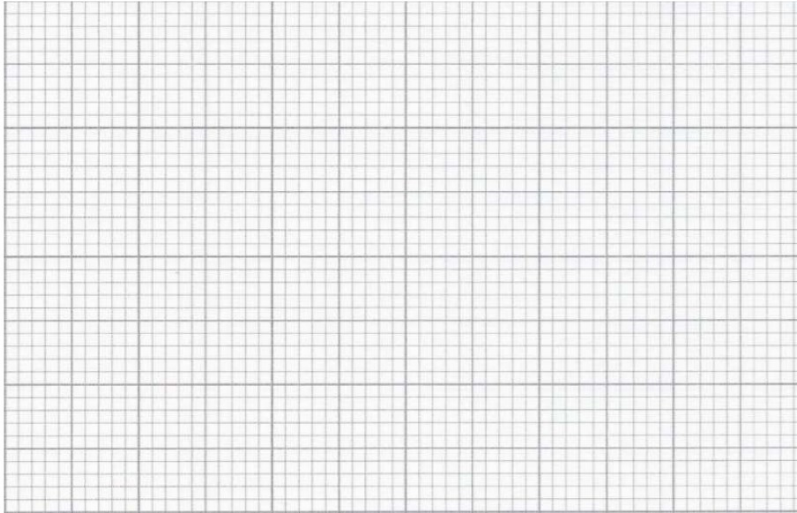
- Obtuse angle
- Reflex angle
- Acute angle
- Right angle

Level 1 Shapes Exam Questions

City & Guilds

7.

Draw a square with sides of 2cm



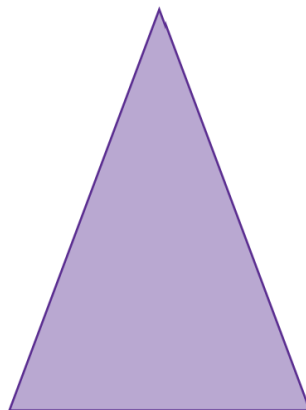
(1 mark)

Highfield

8.

Draw the line(s) of symmetry on this isosceles triangle.

(1 mark)

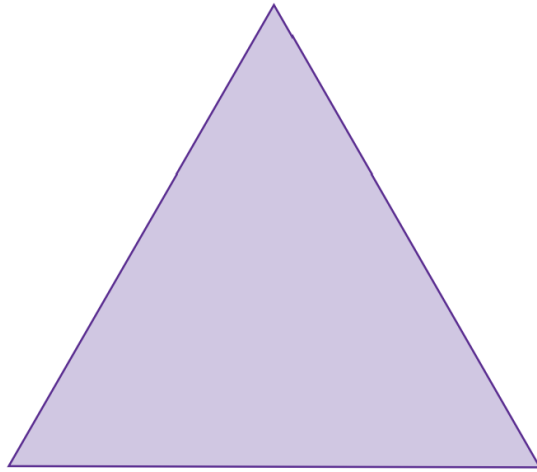


Level 1 Shapes Exam Questions

9.

Draw the lines of symmetry on this equilateral triangle.

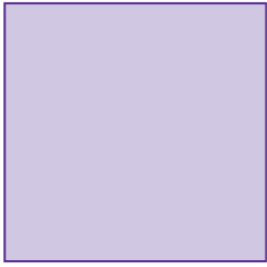
(1 mark)



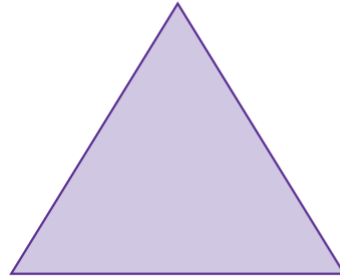
10.

Circle the letter of the shape with exactly 2 lines of symmetry.

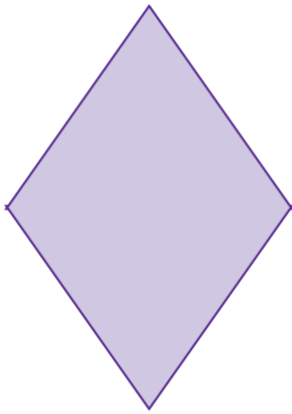
(1 mark)



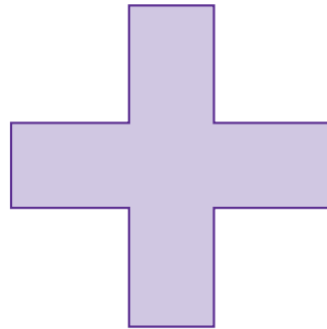
A



B



C



D

AQA

11.

List these types of angle in order, with the smallest first.

reflex obtuse acute right angle

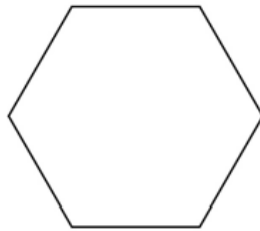
[1 mark]

Smallest _____

Largest _____

12.

Here is a regular hexagon.



How many lines of symmetry does the hexagon have?

Circle your answer.

[1 mark]

2

3

6

12

13.

Draw **all** the lines of symmetry on this shape.

[2 marks]

