



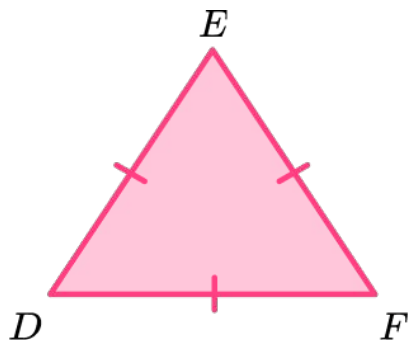
THIRD SPACE
LEARNING

GCSE Exam Questions

Types of Triangles | Geometry & Measure

GCSE Exam Questions: Types of Triangles

- 1) (a) Name this triangle



(1)

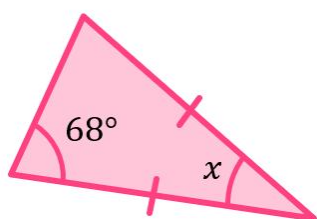
- (b) Sketch an isosceles triangle.

Mark the triangle to show that it is isosceles.

(1)

(2 marks)

- 2) (a) This diagram shows a triangle.



Name the type of triangle.

(1)

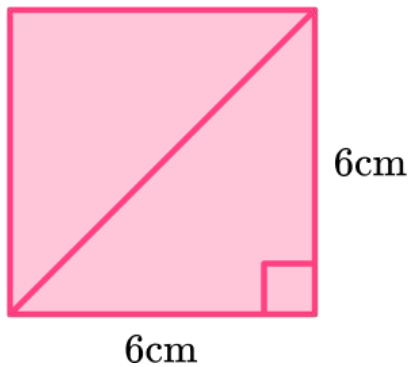
- (b) Casey calculates angle x as $x = 68^\circ$. Why is she wrong?

(1)

(2 marks)

GCSE Exam Questions: Types of Triangles

- 3) (a) This diagram shows a square.



A diagonal line from opposite vertices is drawn.

What is the name of the triangle?

(1)

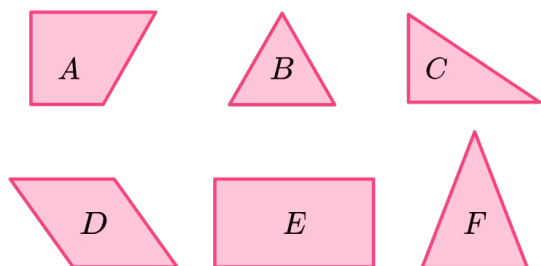
- (b) Calculate the area of one of the triangles.

Give the correct units for your answer.

(2)
(3 marks)

GCSE Exam Questions: Types of Triangles

- 4) This diagram shows six shapes on a centimetre grid.



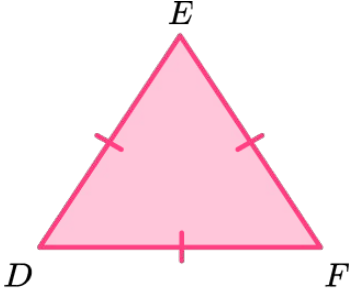
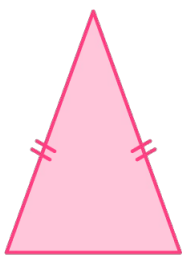
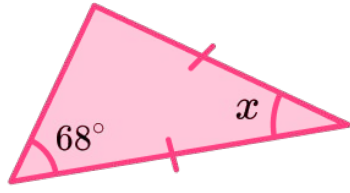
- (a) Name shape C

(1)

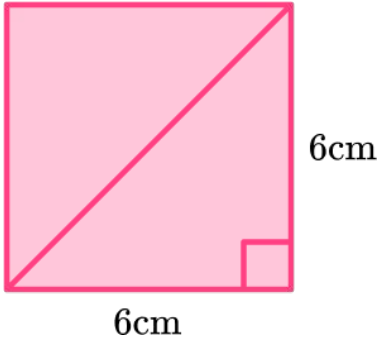
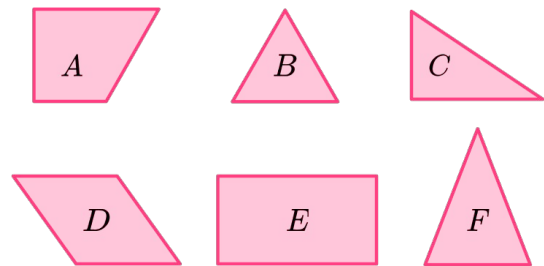
- (b) Name Shape F.

(1)
(2 marks)

GCSE Exam Questions: Types of Triangle Answers

	Question	Answer	Marks
1) (a)	Name this triangle 	(a) Equilateral	(1)
(b)	Sketch an isosceles triangle. Mark the triangle to show that it is isosceles.	(b) 	(1)
2) (a)	This diagram shows a triangle.  Name the type of triangle.	(a) Isosceles	(1)
(b)	Casey calculates angle x as $x = 68^\circ$. Why is she wrong?	(b) The base angles in an isosceles triangle are equal angle x is not a base angle.	(1)

GCSE Exam Questions: Types of Triangle Answers

	Question	Answer	Marks
3) (a)	This diagram shows a square.  A diagonal line from opposite vertices is drawn. What is the name of the triangle?	(a) (Right-angled) Isosceles	(1)
(b)	Calculate the area of one of the triangles. Give the correct units for your answer.	(b) 18 cm ²	(1) (1)
4) (a)	This diagram shows six shapes on a centimetre grid.  Name shape C	(a) Right angle triangle or scalene triangle.	(1)
(b)	Name Shape F	(b) Isosceles triangle	(1)

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