

Non-calculator Questions

NCFE

1.

The cartons are cuboid.

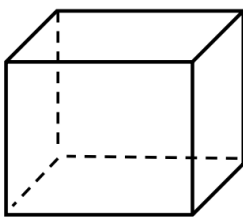


How many edges does a cuboid have?

[1 mark]

City & Guilds

2.



How many **edges** does this shape have?

.....edges

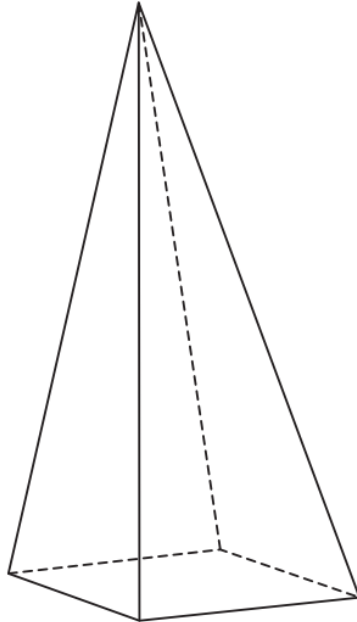
1 mark

Calculator Questions

Edexcel

1.

Lucy sells lamps in the shape of a pyramid.



How many corners does the base of the pyramid have?

(1)

Show your answer here.

NCFE

2.

A new computer is delivered to the library.



The screen is the shape of a rectangle.

How many corners does a rectangle have?

[1 mark]

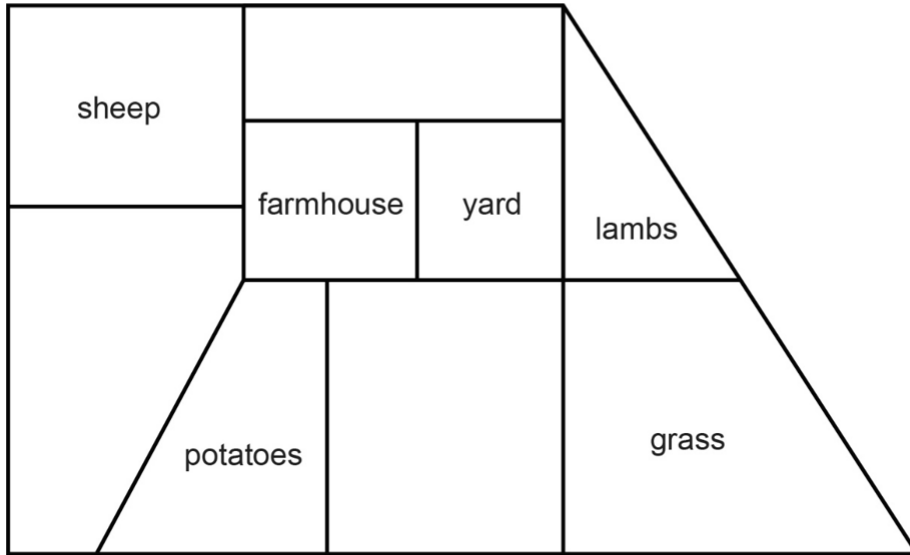
3.

The workers are going to pick the cabbages.

The cabbages are in the field between the grass and the potatoes.

Tick (✓) where the cabbages are.

[1 mark]



One of the fields is in the shape of a pentagon.

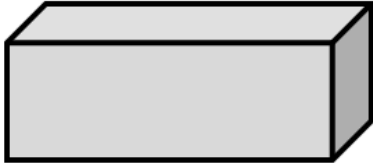
How many corners does a pentagon have?

[1 mark]

4.

Jay keeps seeds in a tin.

The tin is in the shape of a cuboid.



How many faces does a cuboid have?

[1 mark]

5.

The front of the water meter is a rectangle.



How many right angles does a rectangle have?

[1 mark]

City & Guilds

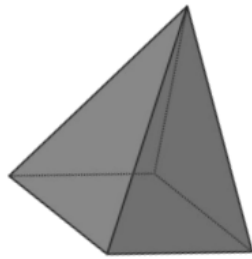
6.

How many sides does a hexagon have?

.....

1 mark

7.



How many faces does a square based pyramid have?

- A 4
- B 5
- C 6
- D 8

1 mark

8.a)

Another customer wants to buy this flower planter.



Flower planter

What shape is the base of this planter?

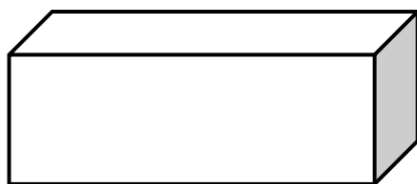
1 mark

b)

What is the width of the planter?
Give units with your answer.

1 mark

9.



How many edges does a cuboid have?
Tick one box

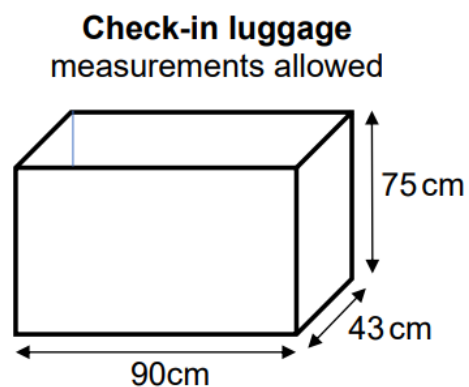
- A 3
- B 6
- C 9
- D 12

1 mark

10.a)

This diagram shows the maximum measurements for hand luggage that you are allowed to check-in on a plane.

It is a box, shaped like a cuboid, with sides and a base, but no top.



What shape is the base of the box?

.....

1 mark

b)

What is the length of the **shortest** side?
Give units with your answer.

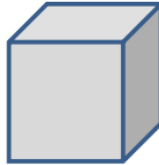
.....

1 mark

Open Awards

11.

(2 marks)



How many edges does a cube have?

Show your workings.

.....