

SCOTAID 4
SHAPE, POSITION AND MOVEMENT



Name Kevin McGowan Date 1/3/00

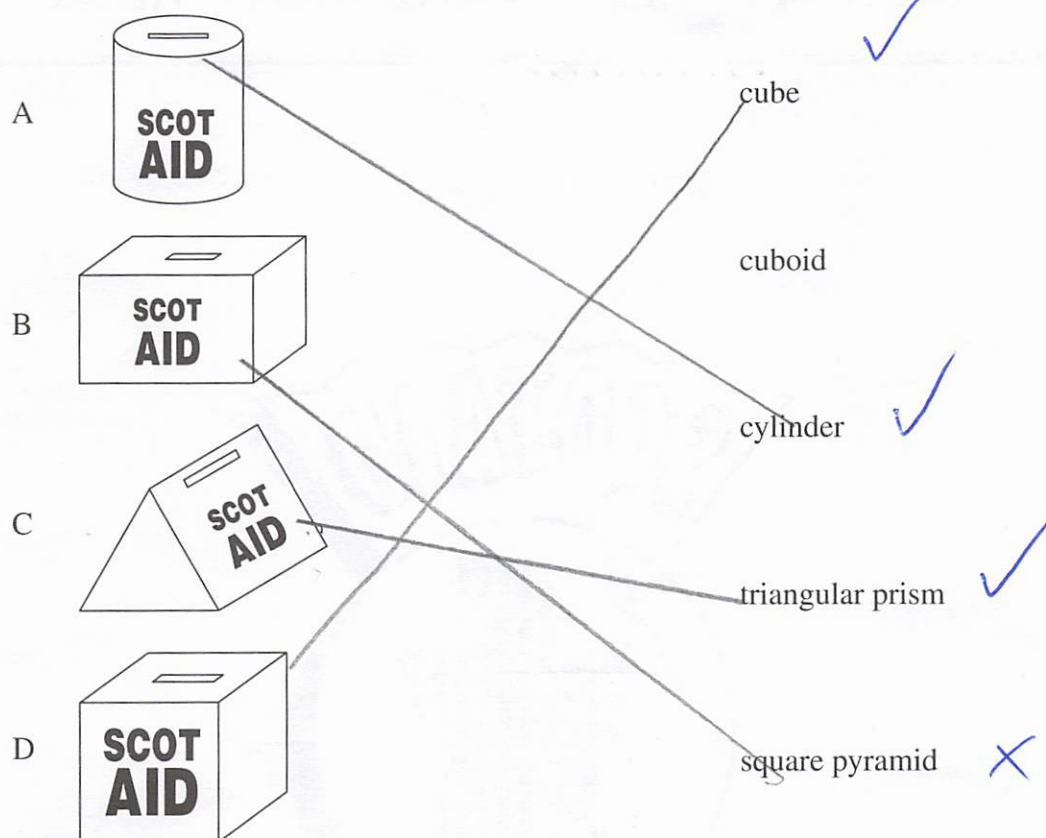
MATHEMATICS

M8C3SP

SCOTAID 4

1. ScotAid uses different shapes of collection boxes.

a. Match each box to the correct name of the 3D shape.



b. How many squares of card would you need to make shape D?

ANSWER: 6 squares ✓

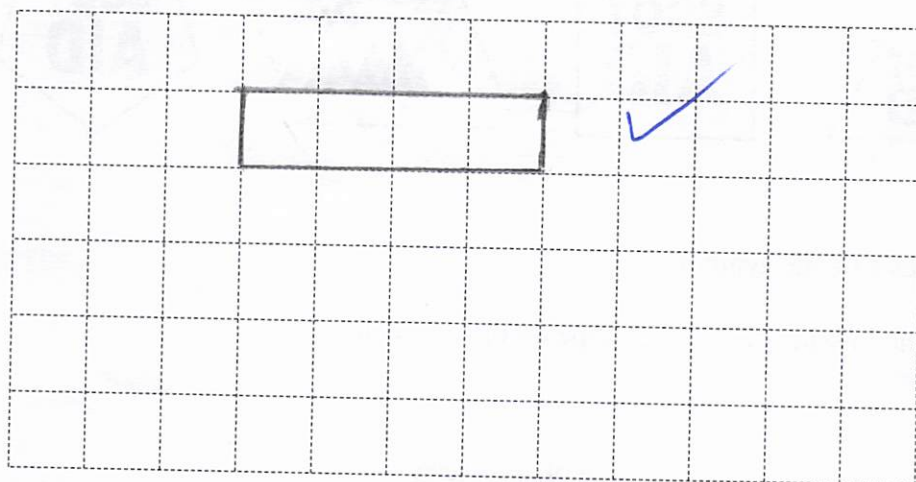
c. What are the two shapes which make the sides of box C?

ANSWER: triangle's and rectangle ✓

2. Each collection box has a hole for the money. The hole is a rectangle.

Draw a rectangle on the grid below.

Make your rectangle 4 cm long and 1 cm wide. Use your ruler.



3. Each person who makes a donation is given a sticker.

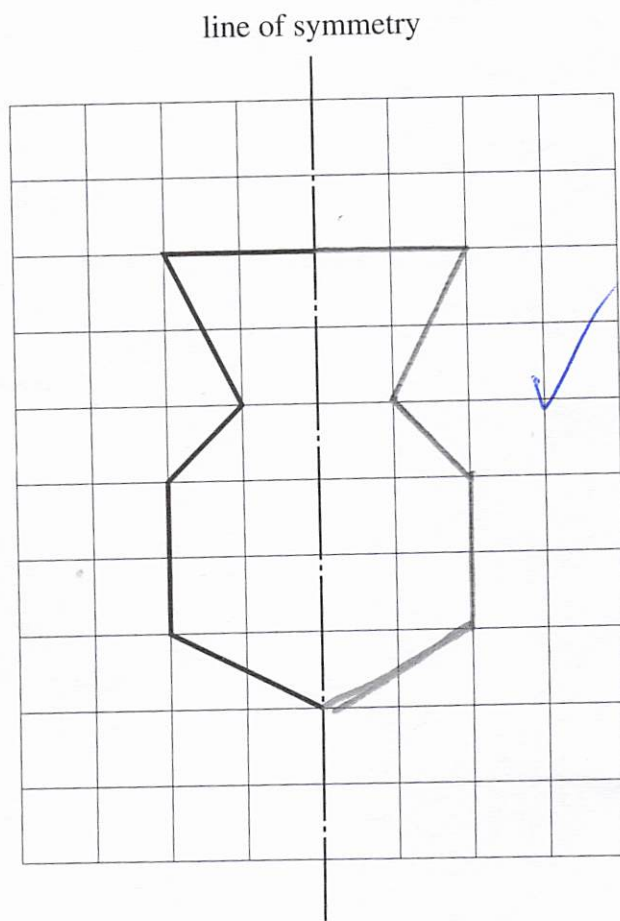
All the sides of the sticker are the same length and all the angles are obtuse.

Tick the correct sticker below.



4. ScotAid uses a thistle symbol.

Complete the missing half of the shape on the grid below.

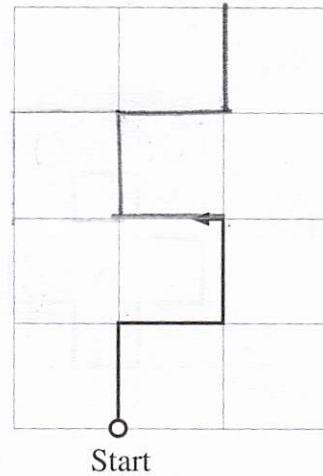


5. ScotAid supports Fairtrade.

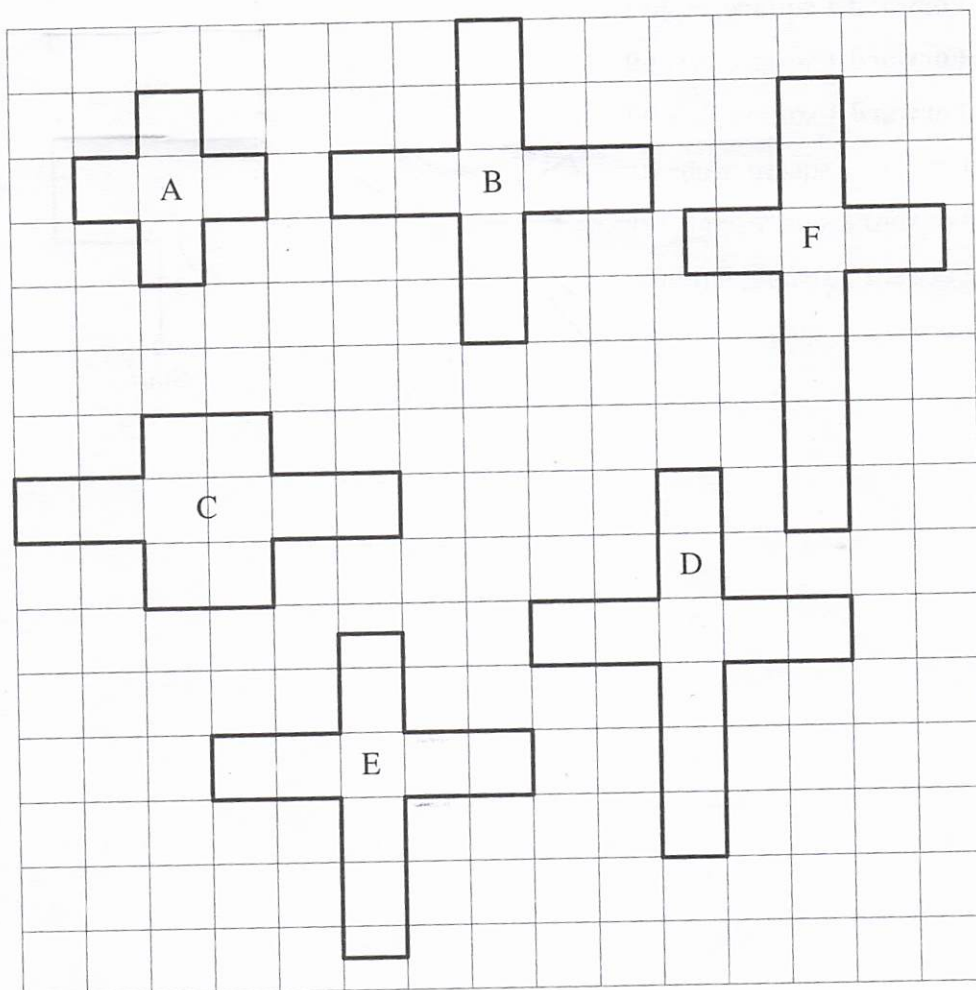
Follow these instructions to complete the Fairtrade symbol.

The first 3 instructions have been done for you.

1. Forward 1 square, right 90°
2. Forward 1 square, left 90°
3. Forward 1 square, left 90°
4. Forward 1 square, right 90°
5. Forward 1 square, right 90°
6. Forward 1 square, left 90°
7. Forward 1 square



6. ScotAid uses some of the money raised to provide medical aid.
All medical aid is marked with a cross.
Look at the different crosses drawn on the grid below.

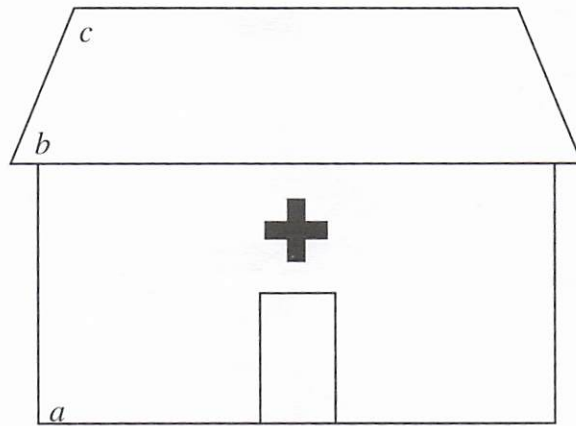


Which 2 crosses have exactly twice the area of Cross A but only 1 line of symm

ANSWER: ~~B~~ E ☒ and D ☒

7. ScotAid has helped fund a medical centre.

Here is a drawing of the centre.



- a. Which of the angles marked is an acute angle?

ANSWER: b

- b. Which of the angles marked is equal to 90° ?

ANSWER: a