Name:

Exam Style Questions

Nets

Corbettmaths

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser

You may use tracing paper if needed

Guidance

1. Read each question carefully before you begin answering it.
2. Don't spend too long on one question.
3. Attempt every question.
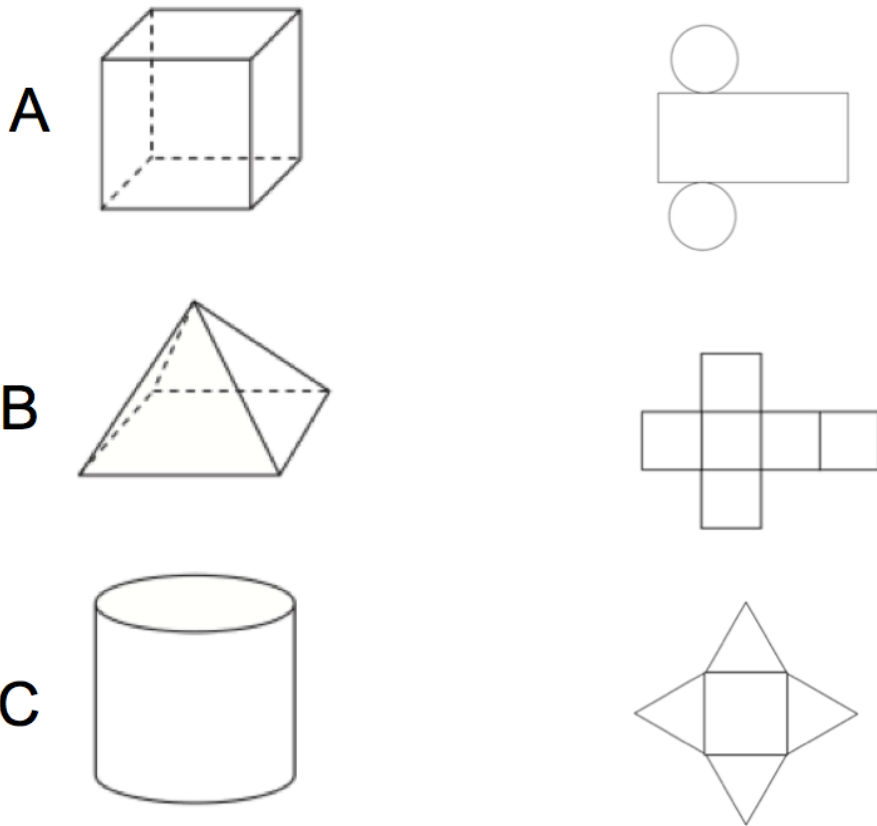4. Check your answers seem right.
5. Always show your workings

Revision for this topic

www.corbettmaths.com/contents

Video 4

1. The diagram below shows three 3D solid shapes and their nets.

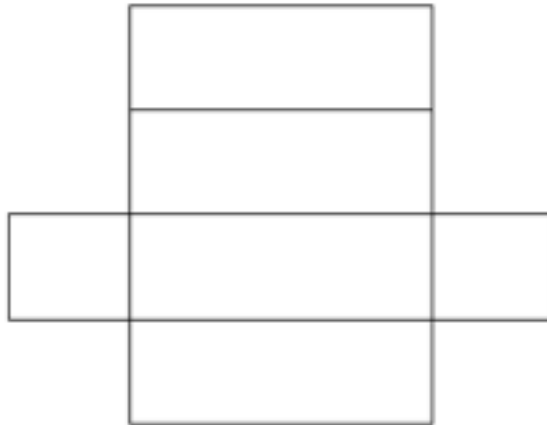(a) Match each solid shape to the correct net.

(3)

(b) Name shape C

....
(1)

(c) Write down the number of faces of shape A.

....
(1)

(d) Write down the number of vertices of shape B.

....
(1)

2. The diagram shows a net of a solid.

(a) Write down the name of the solid.

....

(1)

(b) The net has one line of symmetry.
Draw the line of symmetry on the diagram.

(1)
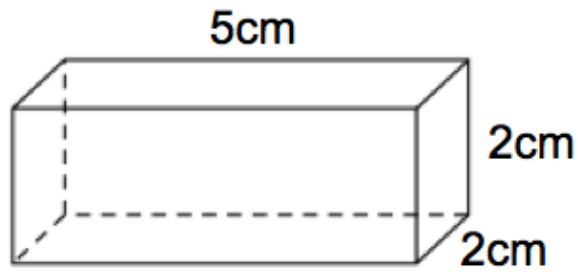
(c) Write down how many faces the solid has.

....

(1)

(d) Write down how many vertices the solid has.

....

(1)

(e) Write down how many edges the solid has.
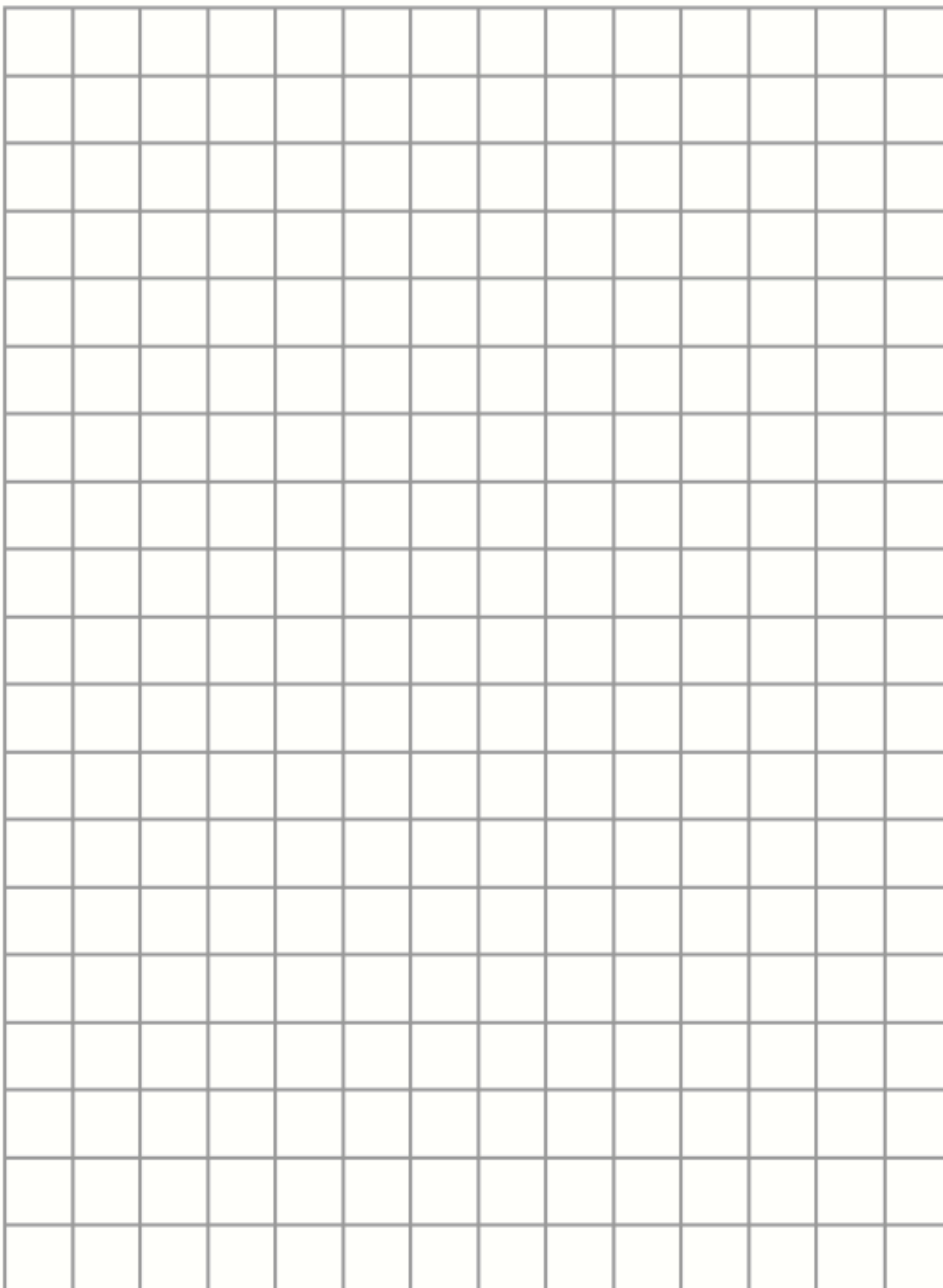
....
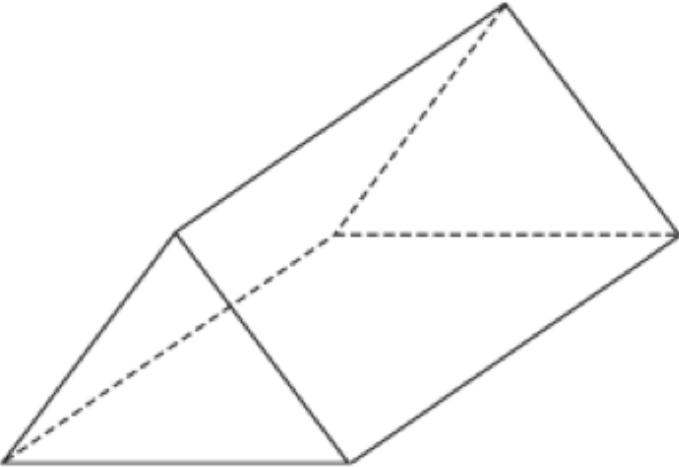
(1)

3. Shown below is a cuboid.

5cm

2cm

2cm

Draw a net for the cuboid.
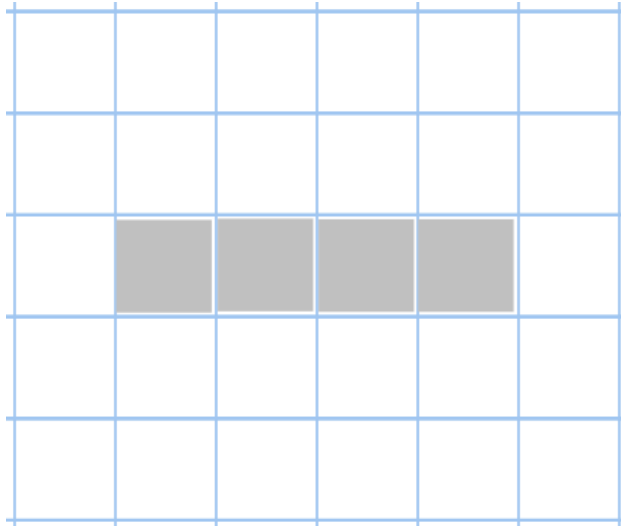
Each square represents 1cm²

(3)

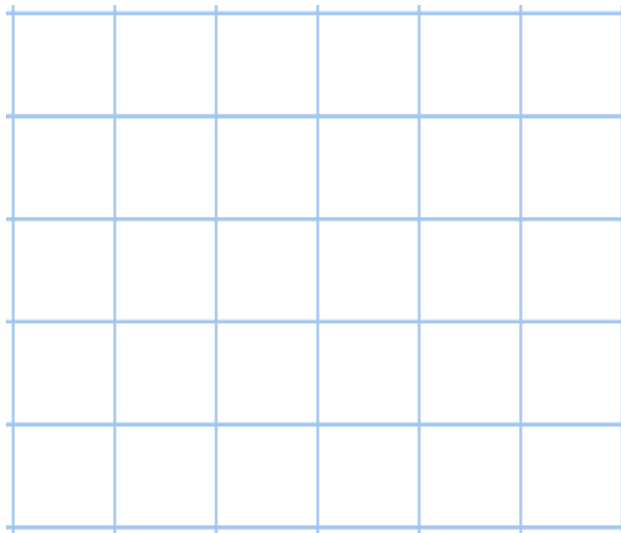4.   Shown below is a triangular prism.

Sketch a net for the triangular prism.

(2)

5.   (a)   Shade two more squares so that the shaded shape is a net of a cube.
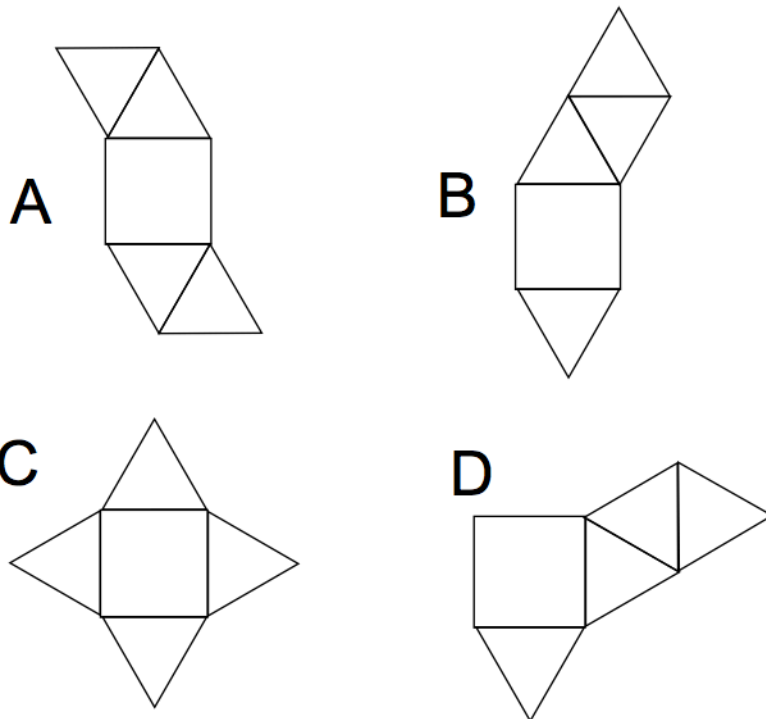
(1)

(b)   Shade six more squares to create a different net of a cube.

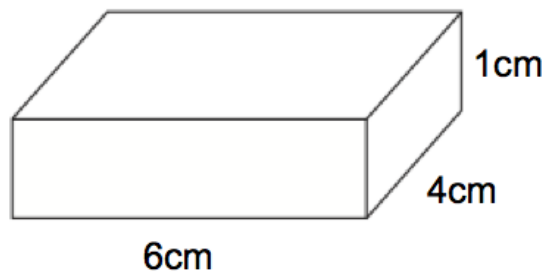**(1)**

6.   Here are 4 diagrams.

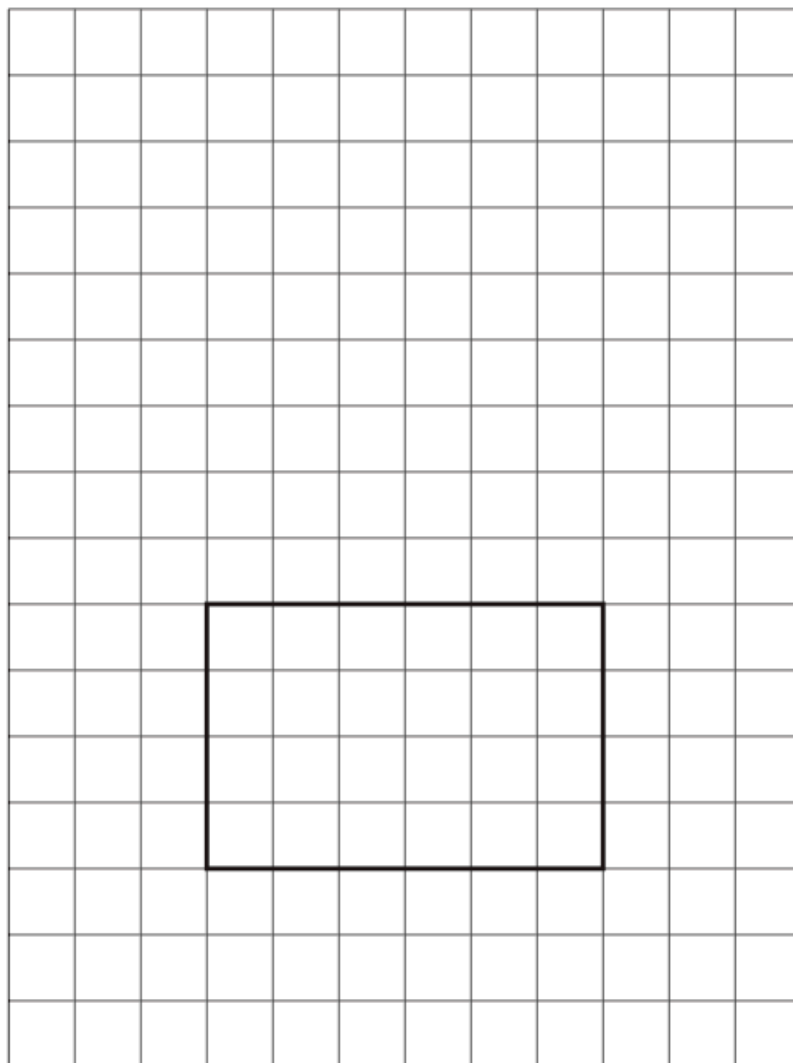Three of these diagrams show a net for a square-based pyramid.

Write down the letter of the diagram which is **not** a net for a square-based pyramid.

....

(1)

7.   Below is a cuboid with length 6cm, width 4cm and height 1cm.

1cm

4cm

6cm

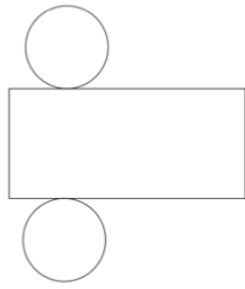(a)   Complete an accurate net of the cuboid.
Each square represents 1cm²

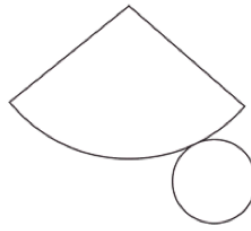**(3)**

(b)   Work out the total surface area of the cuboid.

...........................cm²

(2)

8.   Below are the nets of two solid shapes.

A   B

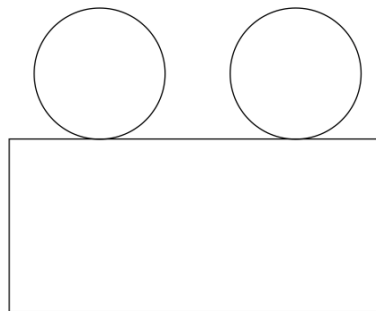(a) Write down the shape that is made from Net A.

....
                                                                    (1)

(b) Write down the shape that is made from Net B.

....
                                                                    (1)

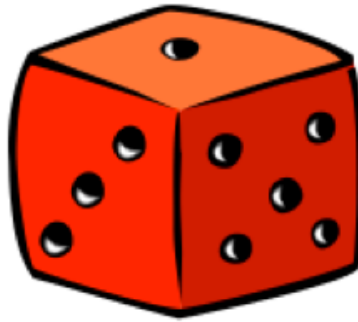Christopher wants to make a solid shape and drew this shape.

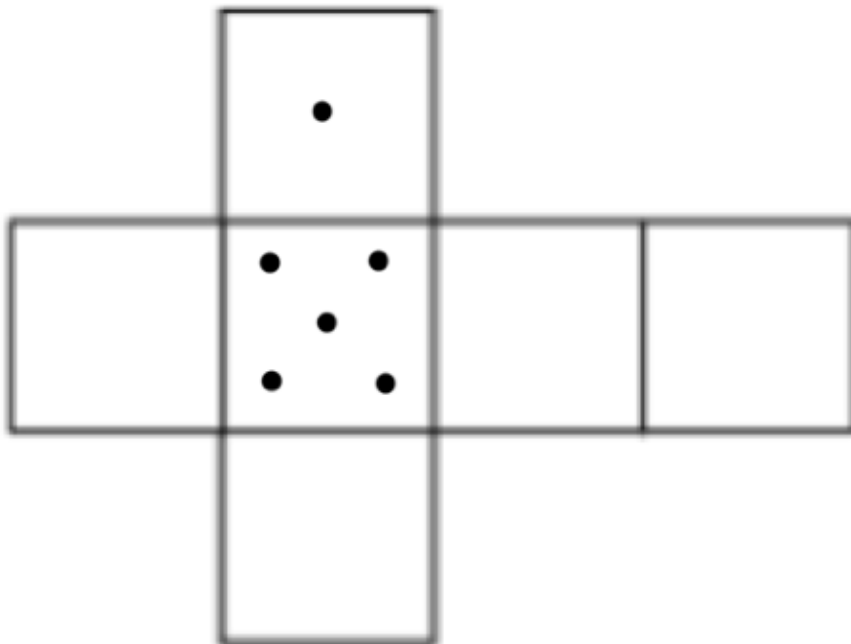Explain why this shape is not a correct net.

                                                                    (1)

9. Shown is the view of a dice.

The number of dots on the opposite faces add to 7.

Fill in the missing faces.

(2)