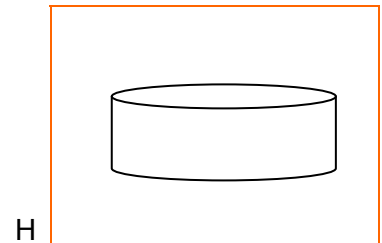
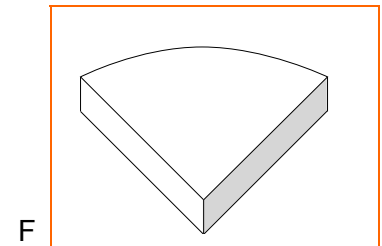
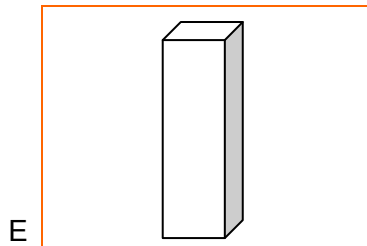
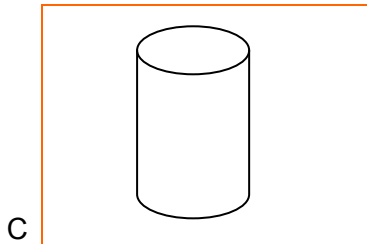
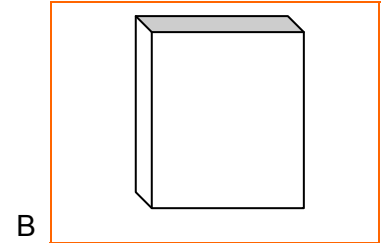
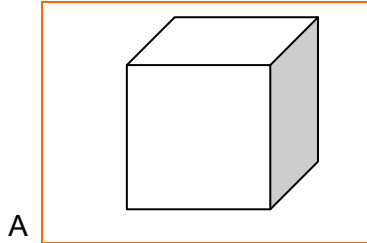
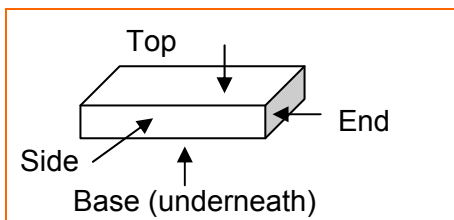


Mini-task: Views of 3D shapes (2)

- 1 Below you will see some three-dimensional (3D) shapes. Try and find examples of everyday objects with these shapes.



Think about looking at each shape from a specific point and identify what you would see.

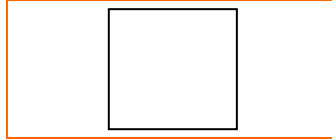


- 2 Choose the shape from A to H on the previous page that might look like one of these when you are looking at it from the top:

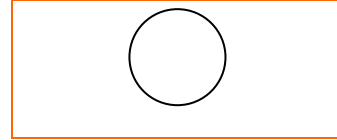
Write underneath each diagram the letter of the shape(s) you think would look like this **from the top**. You can choose more than one option if you like.



Shape(s):



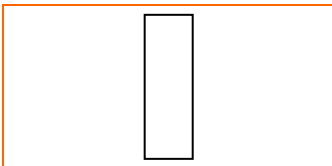
Shape(s):



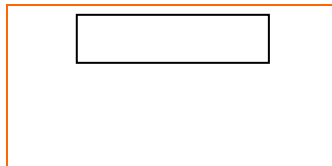
Shape(s):

- 3 Choose the shape from A to H on the previous page that might look like each of these – if you are looking directly from the side:

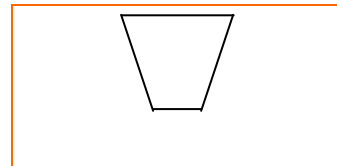
Write underneath each diagram the letter of the shape(s) you think would look like this **from the side**. You can choose more than one option if you like.



Shape(s):



Shape(s):



Shape(s):

- 4 What shape will the base of each 3D shape (A to H) have?

Sort the 3D shapes into groups using the shape of their base to decide which group to put them into:

Shapes with a square base:

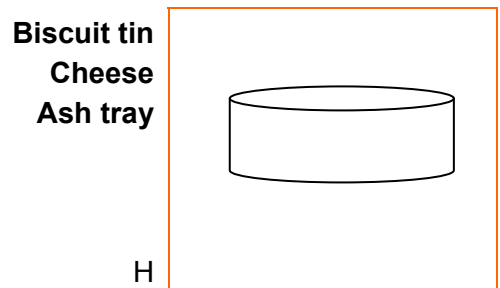
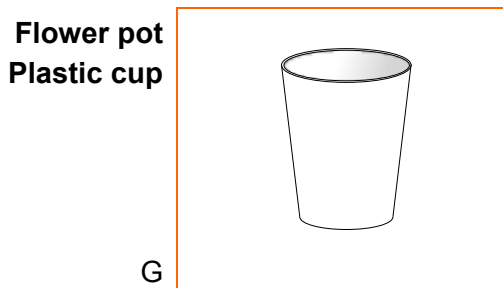
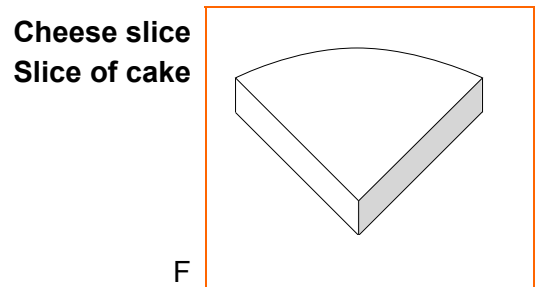
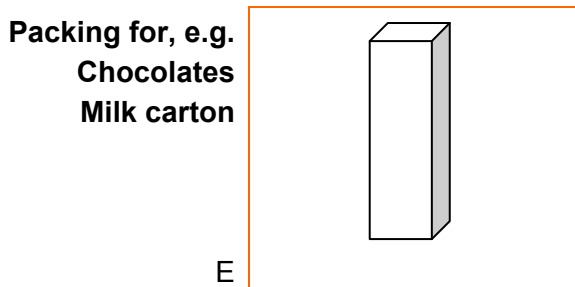
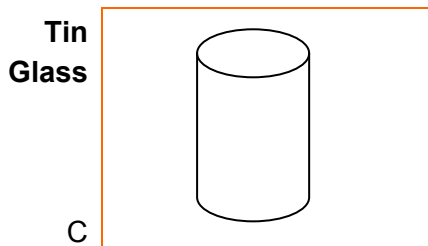
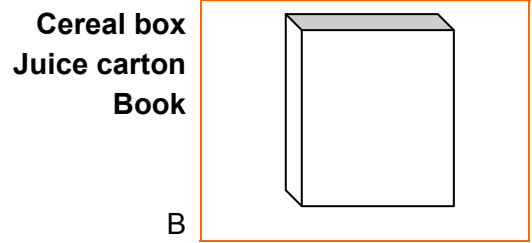
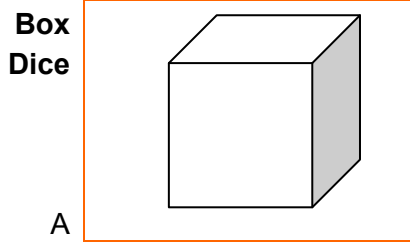
Shapes with a rectangular base:

Shapes with a circular base:

Mini-task: Views of 3D shapes

Answer sheet

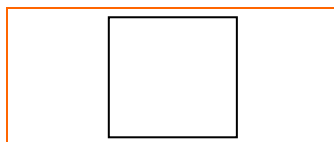
1 Some examples of everyday objects with these three-dimensional (3D) shapes that you might have seen are given below, but there are many other examples you could choose.



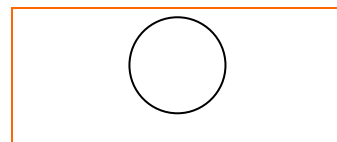
2 The shapes that would look like each of these **from the top** are:



Shape(s): B

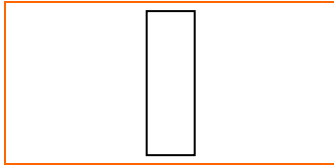


Shape(s): A and E

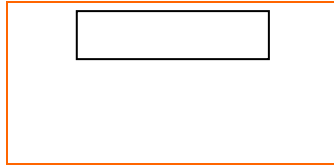


Shape(s): C, D and G

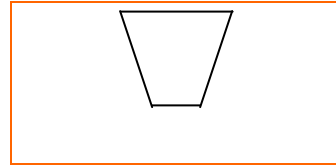
3 The shape(s) that would look like each of these **from the side** are:



Shape(s): E



Shape(s): F



Shape(s): G

4 What shape will the base of each 3D shape (A to H) be?

Sort the 3D shapes into groups using the shape of their base to decide which group to put them into:

Shapes with a square base:

A
E

Shapes with a rectangular base:

B

Shapes with a circular base:

C
G
H

The base of each shape is that part of the shape that would be in contact with a table when that shape is laid on the table.

Think about the base of shape D. What part of shape D would be in contact?
What shape do you think this would be?