Name: _____
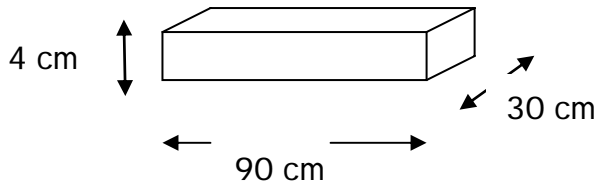
3D Objects – practical problems

1. Your letter box is 35 cm wide and 6cm deep.
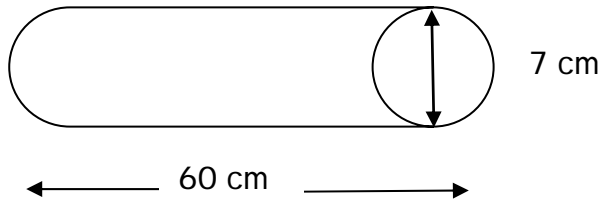
a. This parcel is 90cm long, 30cm wide and 4cm deep.

4 cm   30 cm

90 cm

Is the parcel a cube, a cuboid, or a cylinder? ………………

Will the parcel fit through the letter box? ………………

b. This parcel is 60cm long and 7cm wide.

7 cm

60 cm

Is the parcel a cube, a cuboid, or a cylinder? ……………

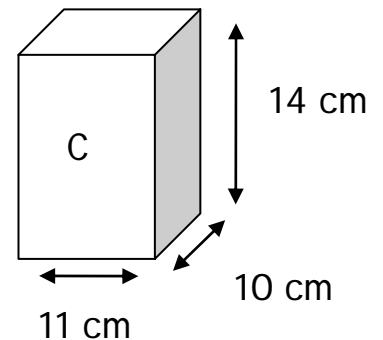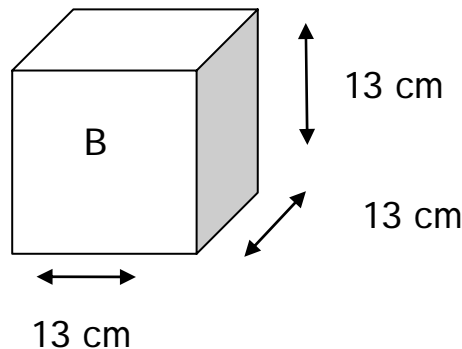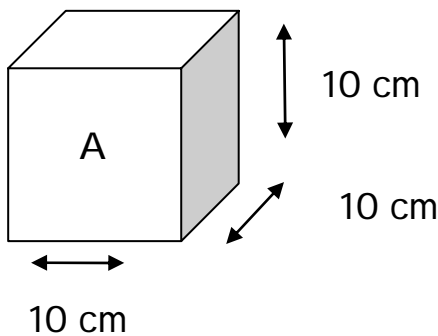**Will the parcel fit through the letter box?** ………………

___

2. A cat flap is 12 cm wide and 12 cm high.

What shape are the boxes?

A _____   B _____   C _____

Circle the boxes that will fit through the cat flap. A   B   C

A   10 cm   10 cm   10 cm

B   13 cm   13 cm   13 cm

C   14 cm   10 cm   11 cm

Name: _____

Measuring 3D Objects

1. Label the three dimensions of these objects.
Use 3 words from the box for each object.

height   width
length   depth
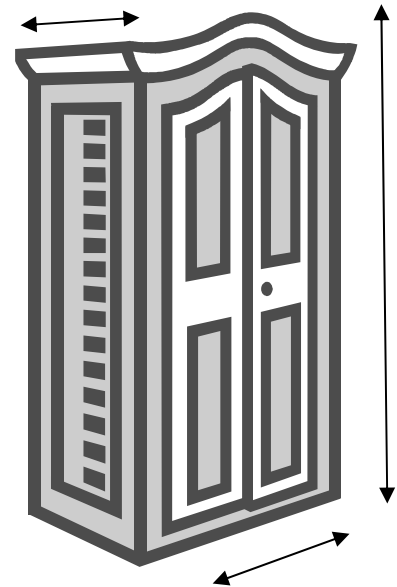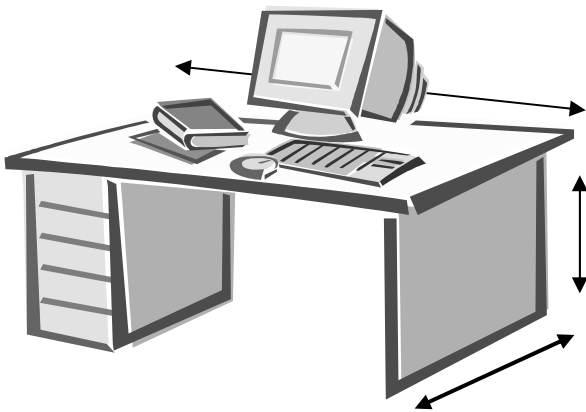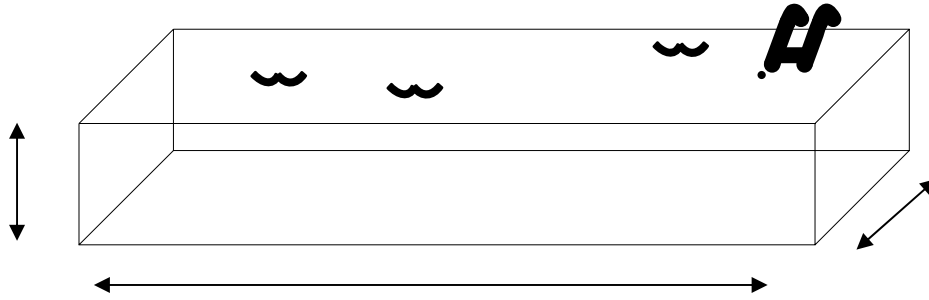
2. Circle the units of measure you would use
to measure the following:

a) The depth of the water in the swimming pool?   km   m   ml

b) The weight of the wardrobe?   kg cm tonne

c) The volume of water in the pool?   litre   mm ml

d) The height of the desk?   ml   cm   km

e) The temperature of the water in the pool?   litre   °C   mm

Answers

3D Objects – practical problems

1a.
Is the parcel a cube, a cuboid, or a cylinder?   cuboid
Will the parcel fit through the letter box?   yes
1b.
Is the parcel a cube, a cuboid, or a cylinder?   cylinder
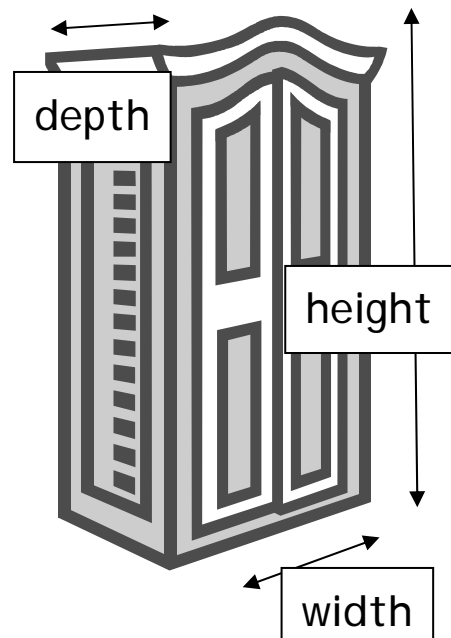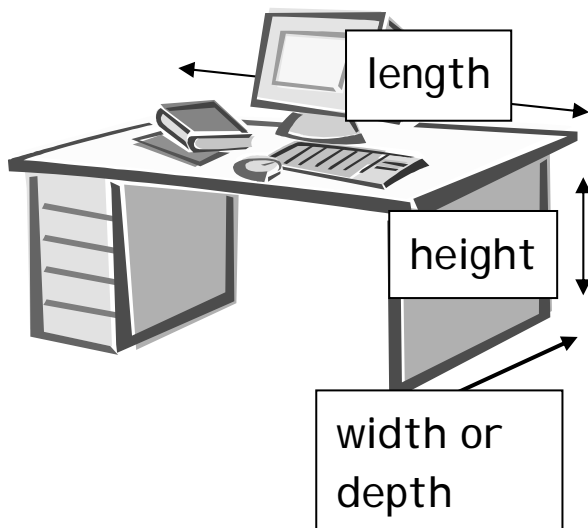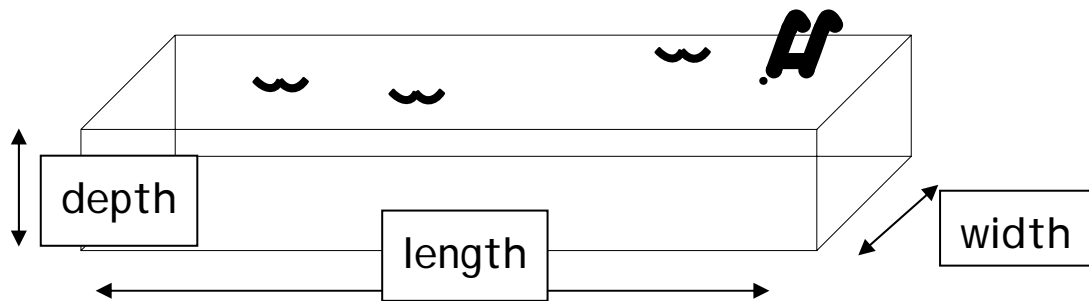Will the parcel fit through the letter box? no
2.
A cube   B cube   C cuboid
A & C will fit through the cat flap

Measuring 3D Objects

1.

2.
a) The depth of the water in the swimming pool?   m
b) The weight of the wardrobe?   kg
c) The volume of water in the pool?   litre
d) The height of the desk?   cm
e) The temperature of the water in the pool?   °C