Year 5/6 **Measurement** **Worksheet 1**

1. From the following list of units: metre (m), kilogram (kg), centimetre (cm), gram (g), millimetre (mm), metre cube (m^3), centimetre square (cm^2), degree (º), second (s), millilitre (ml), degree Celsius (ºC), litre (l), minute (min) choose the most suitable unit to measure
(a) the width,
(b) the area,
(c) the perimeter,
(d) the diagonal
of the rectangle shown below.

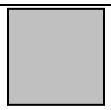
2. From the following list of units: metre (m), kilogram (kg), centimetre (cm), gram (g), millimetre (mm), metre cube (m^3), centimetre square (cm^2), degree (º), second (s), millilitre (ml), degree Celsius (ºC), litre (l), minute (min), choose the most suitable unit to measure
(a) the height of a tree,
(b) the floor area of your house,
(c) the capacity of a small soft drink can,
(d) the time to take a shower.

3. From the following list of units: metre (m), kilogram (kg), centimetre (cm), gram (g), millimetre (mm), metre cube (m^3), centimetre square (cm^2), degree (º), second (s), millilitre (ml), degree Celsius (ºC), litre (l), minute (min), choose the most suitable unit to measure
(a) the surface area,
(b) the volume,
(c) the mass
of a party balloon.

4. 60 cm = x mm. Write *true* (T) or *false* (F) next to each one of the following statements.

$x = 60$
x is greater than 60
x is less than 60
$x = 600$
x is less than 600

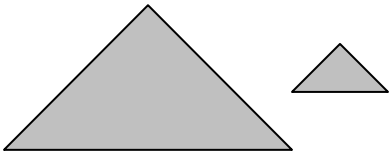
5. By estimation,
(a) the area of your bedroom in m^2 is _____.
(b) the volume of water in litres you drink each day is _____.
(c) the mass of a small apple in grams is _____.

6. Take  as a unit to measure area.

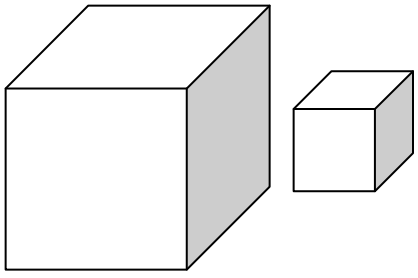
Estimate the number of units required to fill this box (the rectangular space for this question)

7. Estimate the number of rectangular spaces the same size as the space for this question is required to cover this worksheet.

8. Estimate what fraction of the large triangle is the small triangle in area.



9. Estimate what fraction of the large cube is the small cube in volume.



10. Draw ***accurately*** a square of 4 cm^2 in area. Then draw ***accurately*** a triangle of the same area as the square.

11. Draw ***accurately*** two parallelograms of the same perimeter but different areas.

Numerical, algebraic and worded answers.

1. cm, cm^2, cm, cm
2. m, m^2, ml, min
3. cm^2, cm^3, g
4. F, T, F, T, F
5. 10, 2, 150
6. 15
7. 24
8. 1/9
9. 1/8