Miss Robinson's Maths Group Homework

Summer Week 1

Remember to set your work out clearly and write in pencil.

Please try all questions.

Please DO NOT print any of this homework. Write answers directly into your Homework Book and include any working out.
Please have your homework in school on
Friday 24th April, 2026.

Fractions – Division

LI: I know how to divide fractions by integers

Read and follow the example

$$\frac{2}{5} \div 6 = \frac{2}{5} \div \frac{6}{1} = \frac{2}{5} \times \frac{1}{6}$$

Keep Change Flip

$$\frac{2}{5} \times \frac{1}{6} = \frac{2}{30}$$

Fractions – Division

Arithmetic

Following the example on the previous page, calculate the following.

a) $\frac{3}{7} \div 5 =$

b) $\frac{1}{2} \div 7 =$

c) $\frac{2}{5} \div 9 =$

d) $\frac{2}{9} \div 3 =$

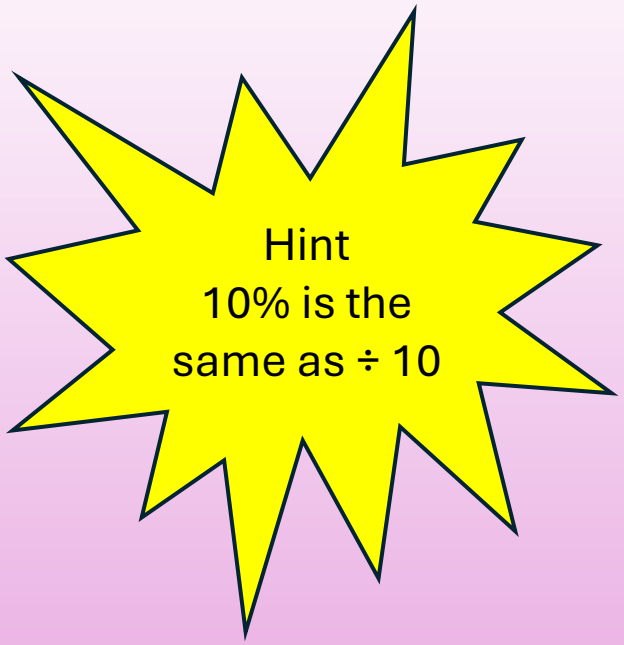
e) $\frac{3}{8} \div 4 =$

f) $\frac{3}{4} \div 6 =$

Arithmetic

Calculate 10% of each amount.
Do this mentally.

a) £12·50
b) 12·6kg
c) 1548
d) 55g
e) 229km
f) £25·85
g) 1 255m



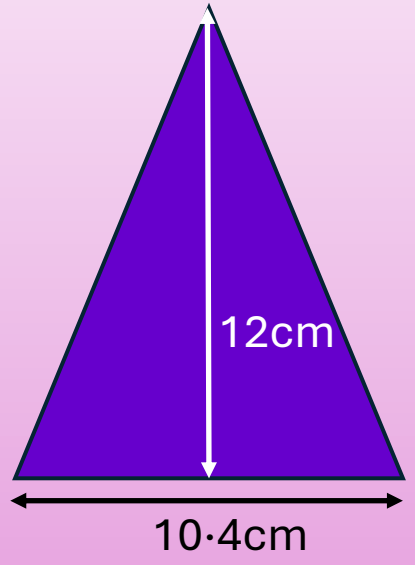
LI: to be able to calculate the areas of squares, rectangles, triangles and parallelograms.

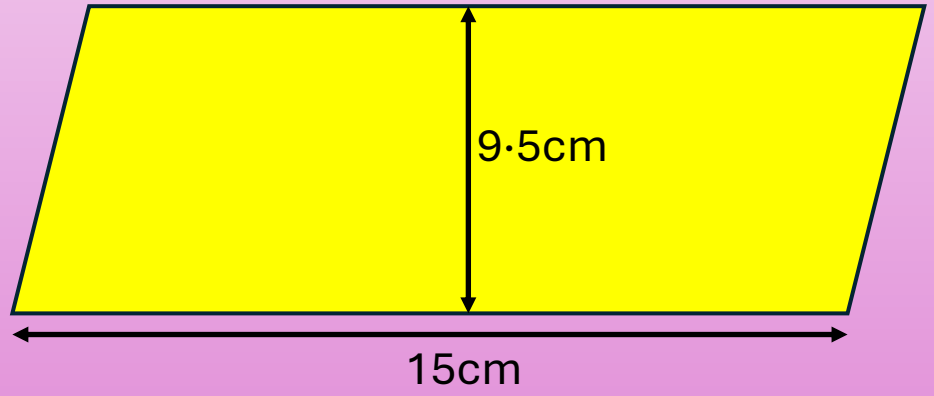
We have spent some time working on this in class.

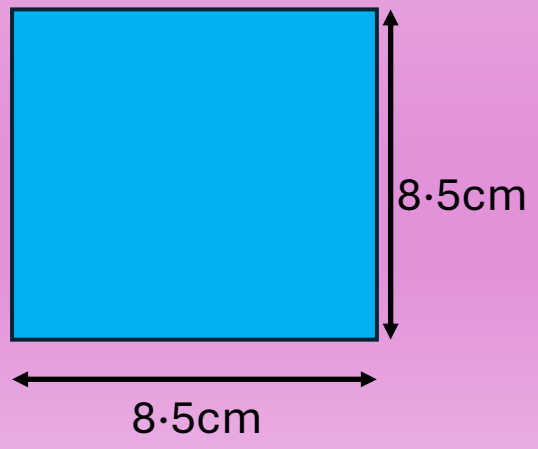
Area of quadrilaterals = length and width

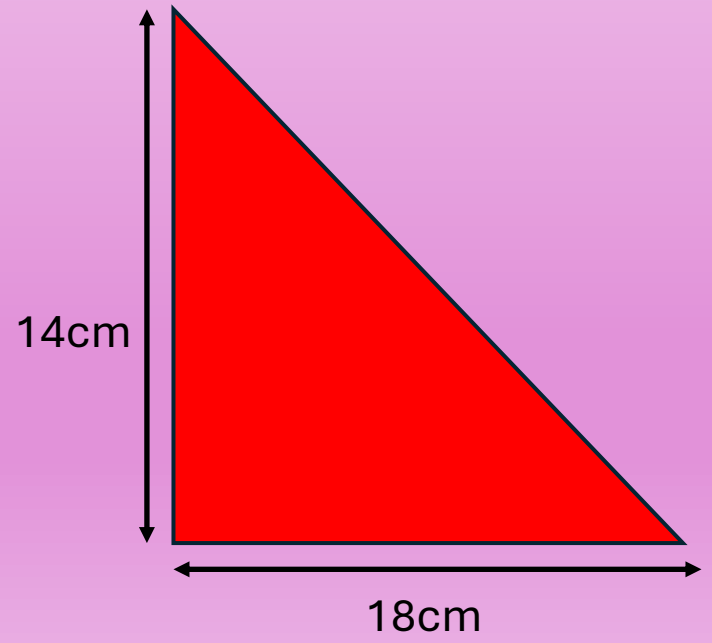
Area of triangles = $\frac{1}{2}$ x base x height

Calculate the areas of the following shapes.

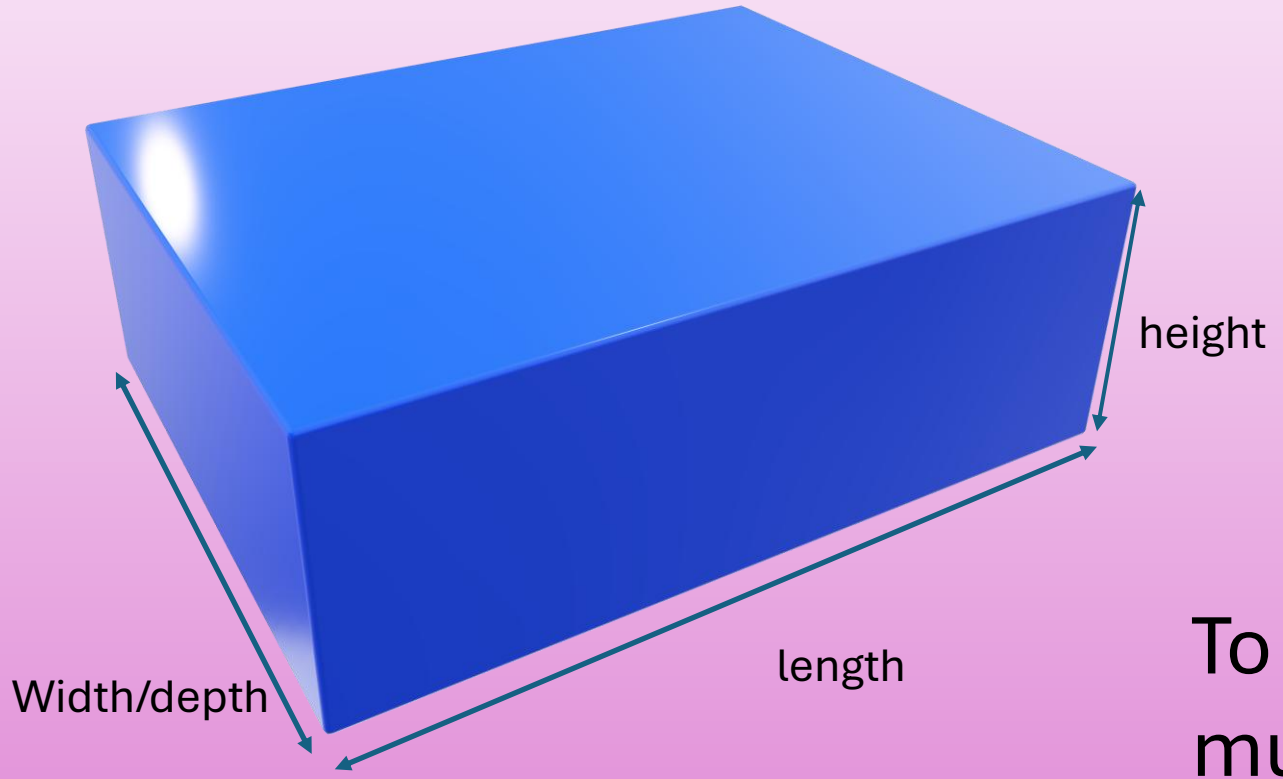






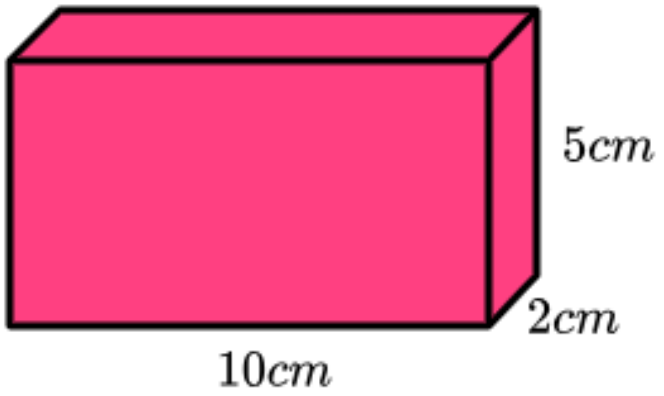


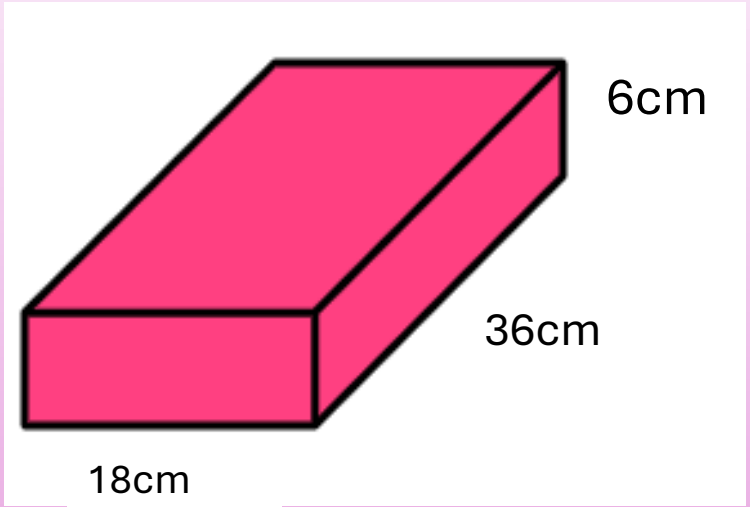
LI: to be able to calculate the volumes of cubes and cuboids

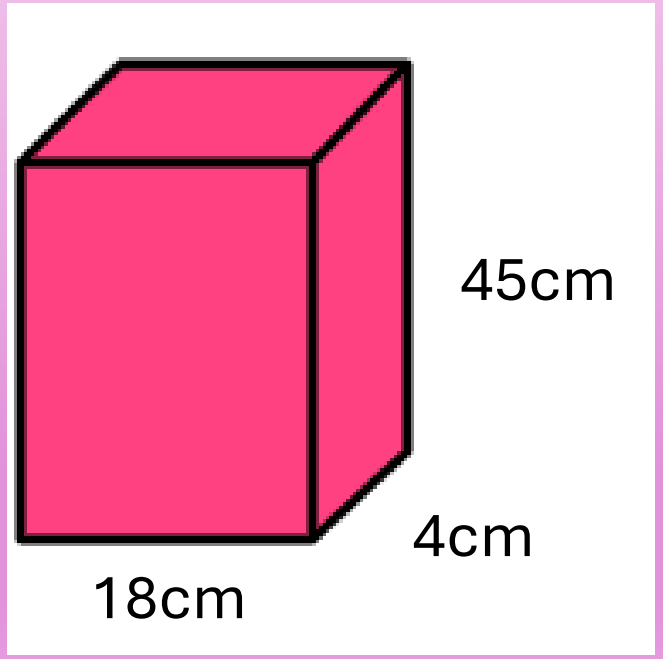


To calculate the volume, you multiply the three dimensions together.

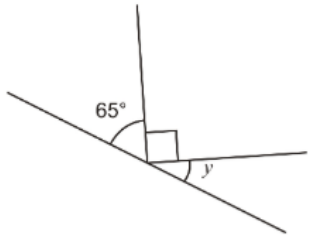
Calculate the volumes of the following cubes and cuboids







And to finish! Remember that we have been finding missing angles this week. A few to practice.



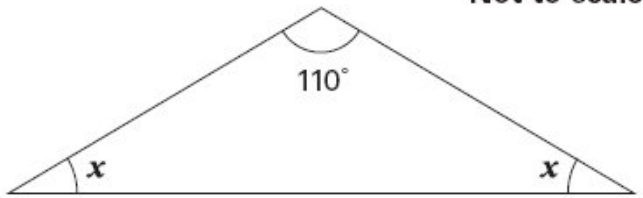
Not to scale

Calculate the size of angle y in this diagram.

Do **not** use a protractor (angle measurer).

Here is an isosceles triangle.

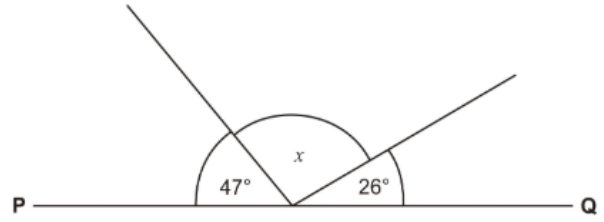
Not to scale



Calculate the size of angle x.

PQ is a straight line.

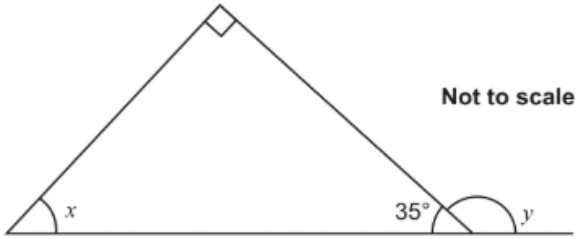
Not drawn accurately



Calculate the size of angle x.

Look at this diagram.

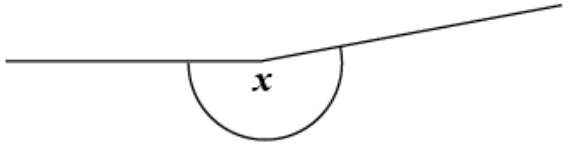
Not to scale



Calculate the size of angle x and angle y.

Do **not** use a protractor (angle measurer).

Estimate the size of angle x



Circle the closest estimate.

170° 310° 190° 260° 180°

Remember to bring any questions about the work into Monday's lesson.

Have a wonderful weekend!