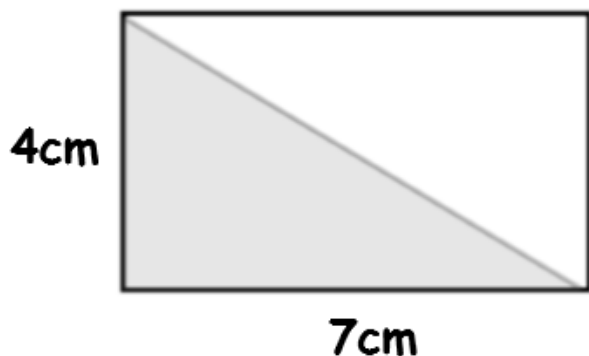


Name _____

Date _____

LO: To find the area of right-angled triangles, recognising the relationship to rectangles.

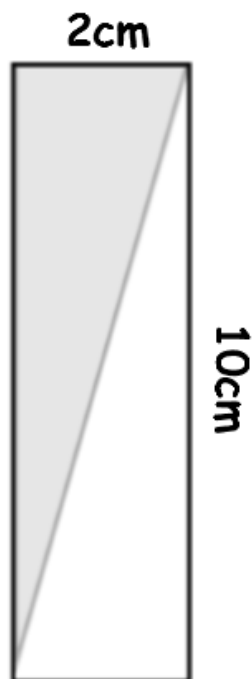
Calculate the areas of the rectangles and halve them to find the areas of the triangles.



Area of rectangle: _____ cm^2 .

Area of shaded triangle = _____ cm^2 .

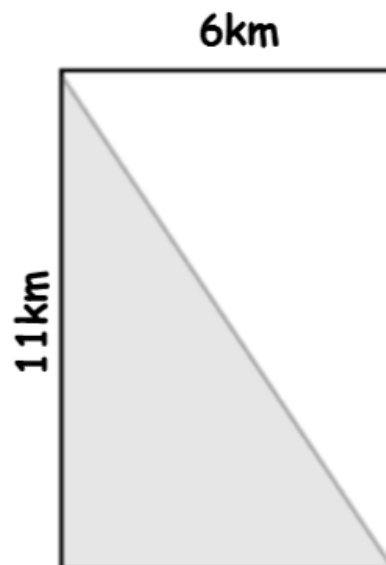
Area of white triangle = _____ cm^2



Area of rectangle: _____ cm^2 .

Area of shaded triangle = _____ cm^2 .

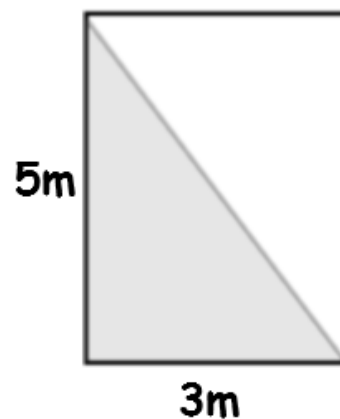
Area of white triangle = _____ cm^2 .



Area of rectangle: _____ km^2 .

Area of shaded triangle = _____ km^2 .

Area of white triangle = _____ km^2 .



Area of rectangle: _____ m^2 .

Area of shaded triangle = _____ m^2 .

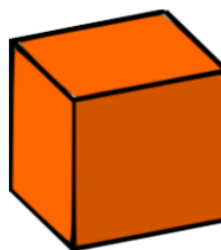
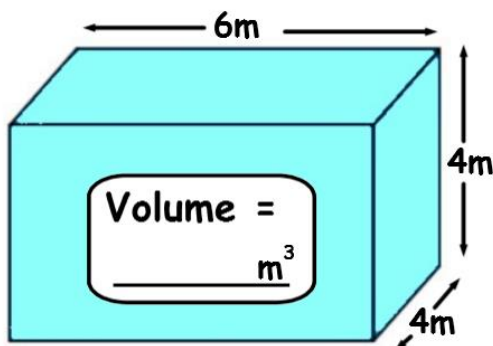
Area of white triangle = _____ m^2 .

Name _____

Date _____

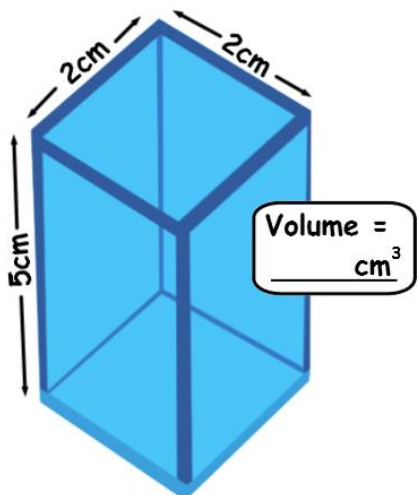
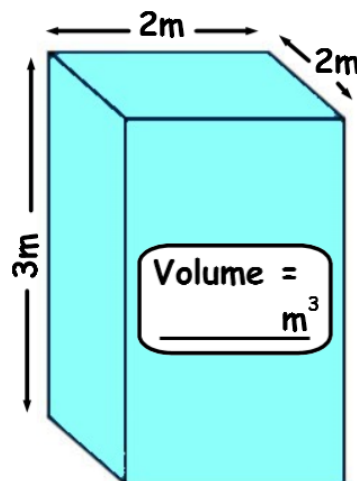
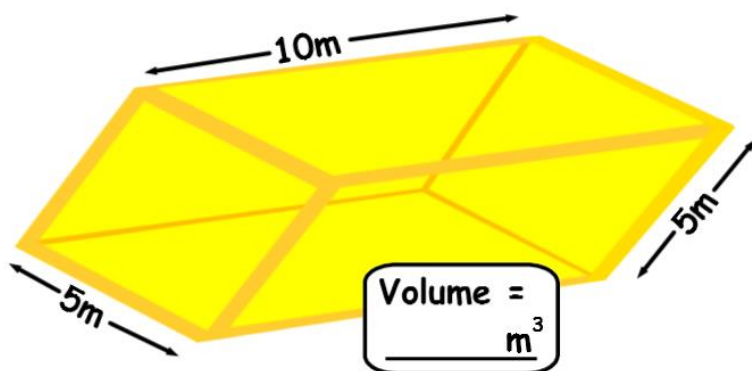
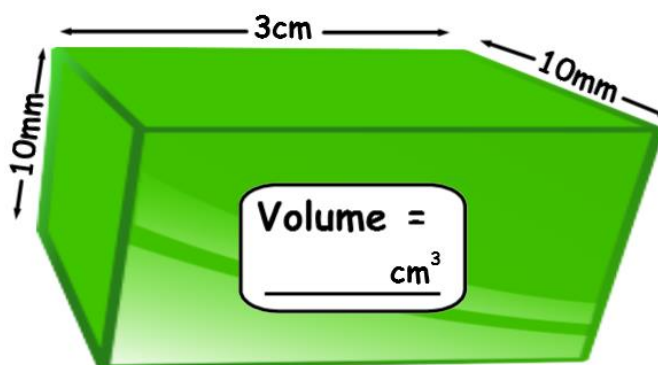
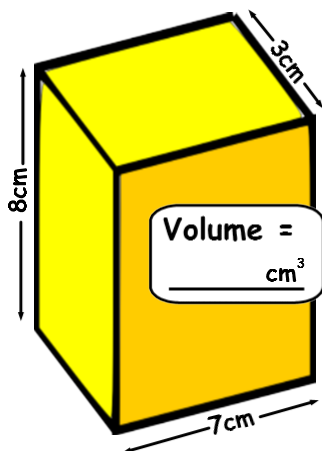
LO: • To calculate, estimate and compare volume of cubes and cuboids.
Calculate the volume of the cubes and cuboids by multiplying length x width x height.

Challenge 1.



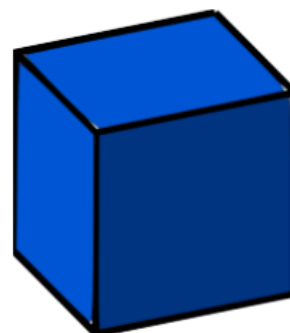
Each side of this cube is 3cm long.

Volume = _____ cm³



Each side of this cube is 1mm long.

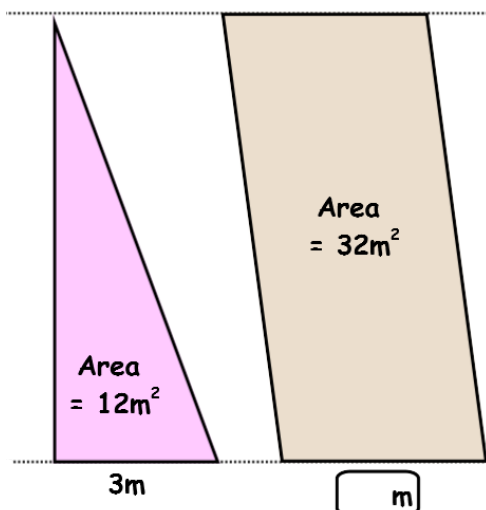
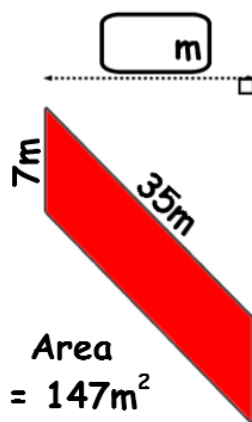
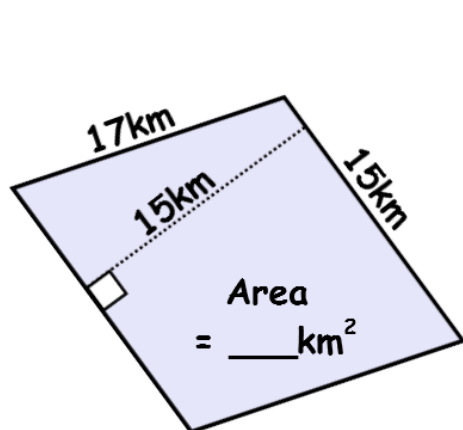
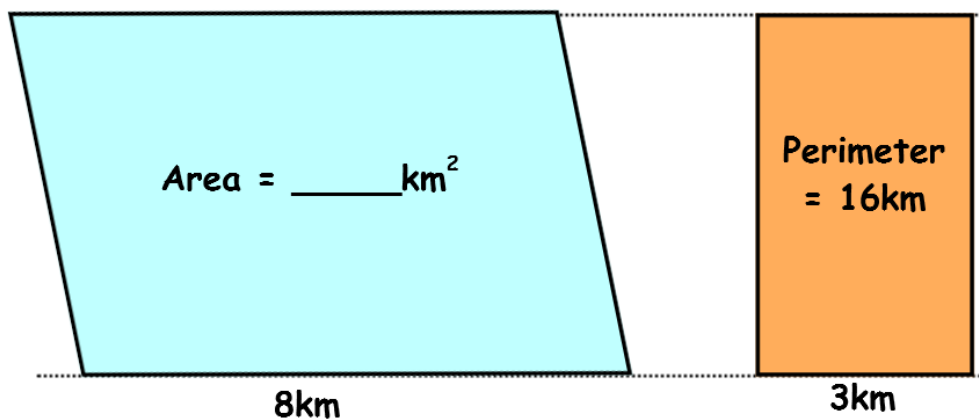
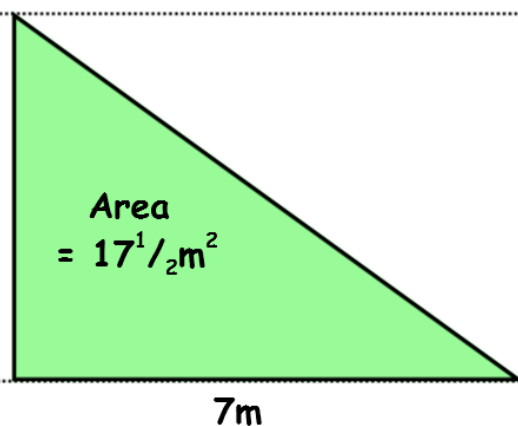
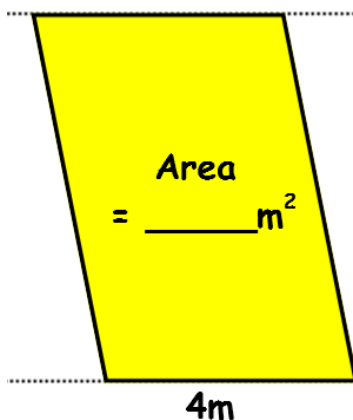
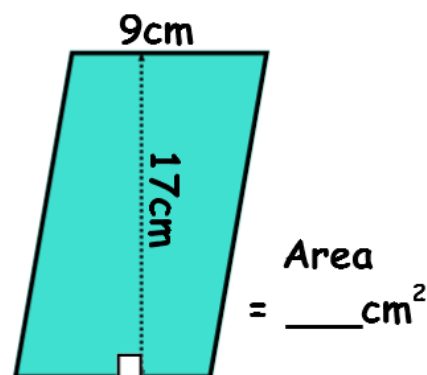
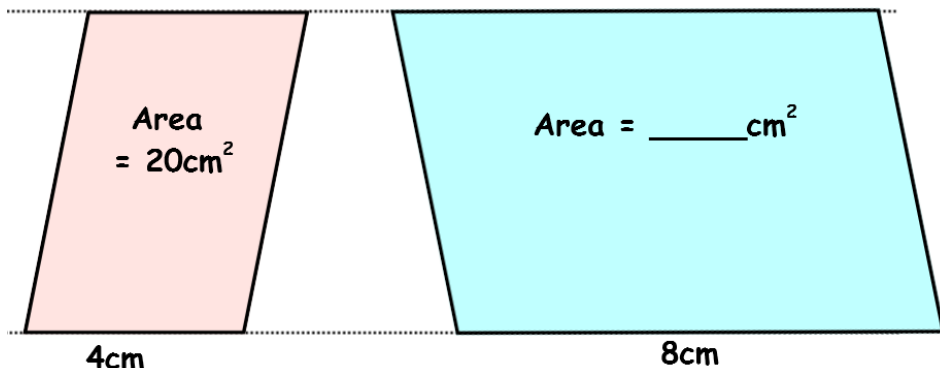
Volume = _____ mm³



Name _____

Date _____

LO: To use the formula base $\times$ perpendicular height to calculate the area of parallelograms. Challenge 2. Find the missing measurements.

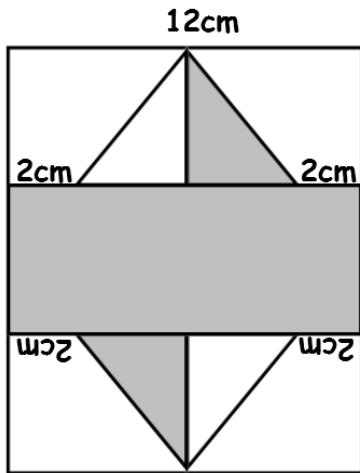


Name _____

Date _____

LO: To use my understanding of the area of triangles to solve shape problems.

Challenge 3. Fill in the missing measurements.



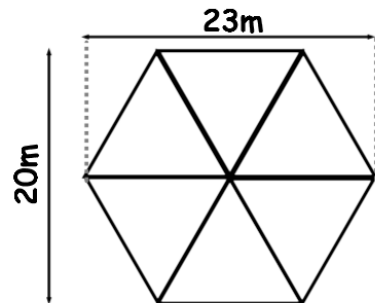
The 4 small triangles have the same measurements.

The 3 small rectangles have the same measurements.

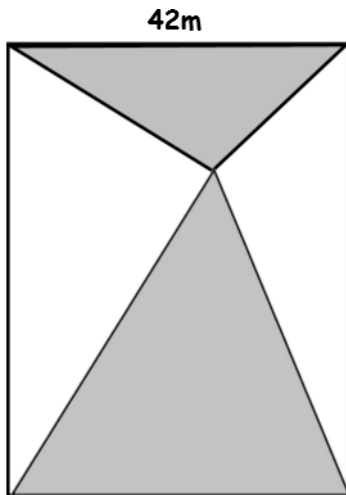
Shaded area = 96cm^2

What is the perimeter of the shaded rectangle?

This is a hexagon made of equilateral triangles.

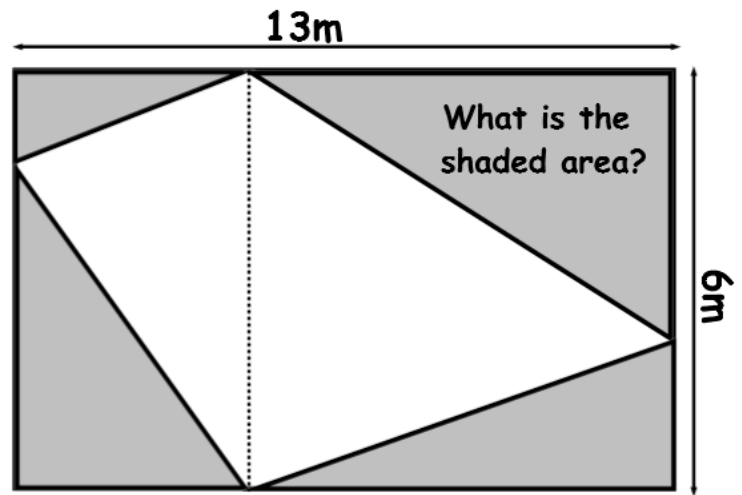


What is its area and perimeter?

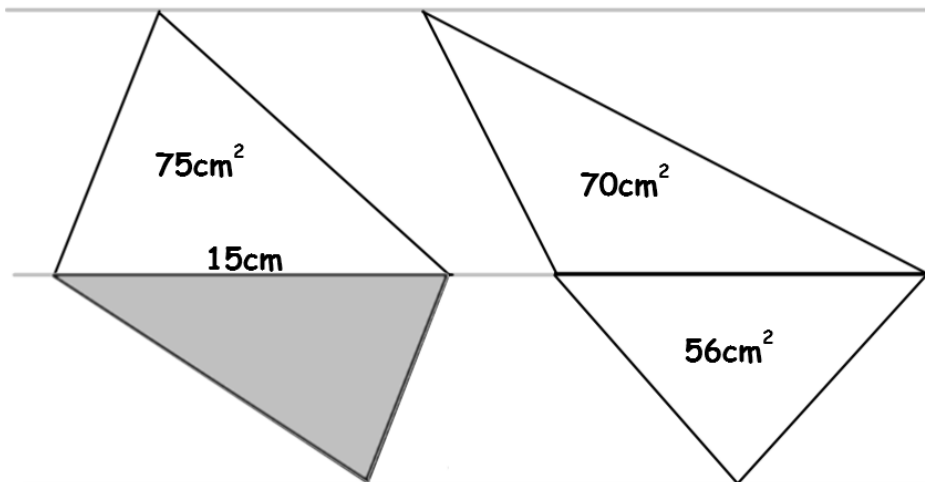


Shaded Area = 1176m^2

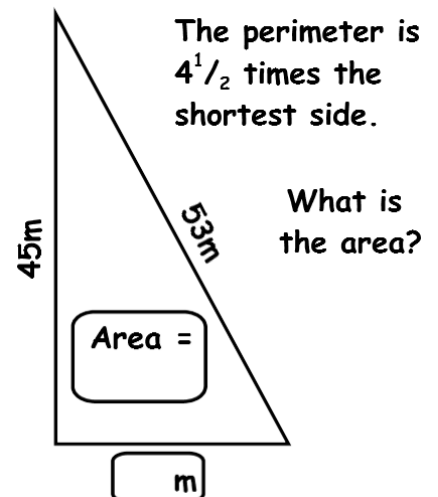
What is the perimeter of the rectangle?



What is the shaded area?



Area of the shaded triangle?



The perimeter is $4\frac{1}{2}$ times the shortest side.

What is the area?

Area =

m