

Year 8T Homework – Half Term 1

Homework 1 – Due: _____

Make sure you log on to HegartyMaths for help if you need it.

Rounding Decimal Places (56)
Rounding Significant Figures (130)

Round to decimal places:

37.5812 (2 dp)

7.14172 (3 dp)

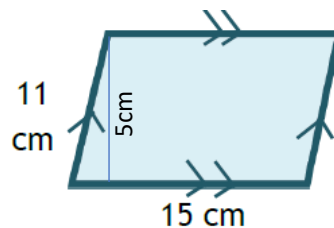
Round to significant figures:

0.000009399 (3 sf)

5968 (2 sf)

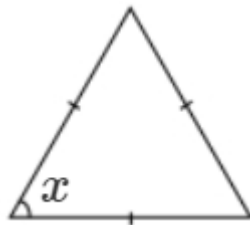
Area (556)

Find the area:



Angles in Triangles + Quadrilaterals (485,486)

Find x :



Using the Number System (135,136)

If $67 \times 8 = 536$, what is:

$$0.067 \times 8$$



Homework 2 – Due: _____

Log onto HegartyMaths to watch the video and complete the quiz online. **Topic:** _____

My score was: _____

Homework 3 – Due: _____

Make sure you log on to HegartyMaths for help if you need it.

Rounding Decimal Places (56)
Rounding Significant Figures (130)

Round to decimal places:

42.4552 (1 dp)

9.1777 (2 dp)

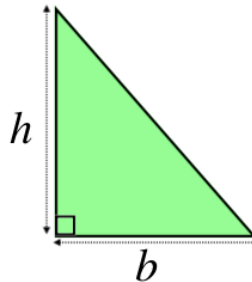
Round to significant figures:

0.000005765 (3 sf)

14900 (3 sf)

Area (557)

Work out the height of this triangle with base 8.2mm and area 227.14mm².



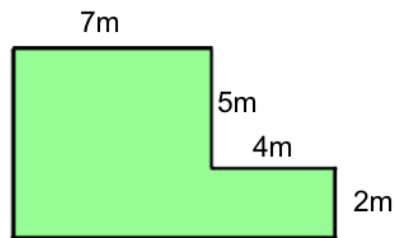
Angles in Triangles + Quadrilaterals (485,486)

Find x :



Perimeter (549)

Find the perimeter:



Homework 4 – Due: _____

Log onto HegartyMaths to watch the video and complete the quiz online. **Topic:** _____

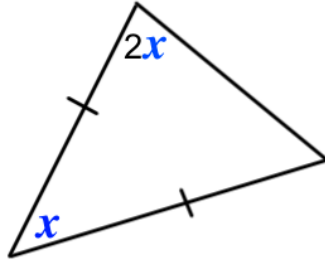
My score was: _____

Homework 5 – Due: _____

Make sure you log on to HegartyMaths for help if you need it.

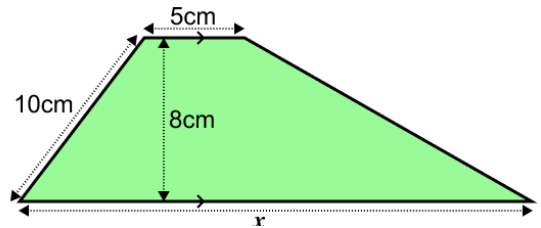
Angles in Triangles + Quadrilaterals (486)

Find x :



Area (559)

The area is 120cm^2 , what is x ?



Using the Number System (135,136)

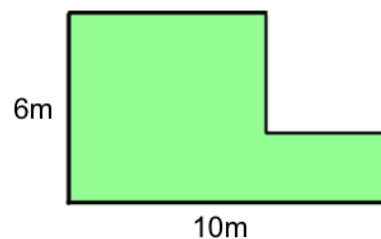
If $67 \times 8 = 536$, what is:

$$536 \div 6.7$$



Perimeter (549)

Find the perimeter:



Homework 6 – Due: _____

Log onto HegartyMaths to watch the video and complete the quiz online. **Topic:** _____

My score was: _____

Extension

Have you finished? Are you finding it too easy?

Go to <https://parallel.org.uk/> and look at the puzzles for your year group on the left. Show your answers on this page.