

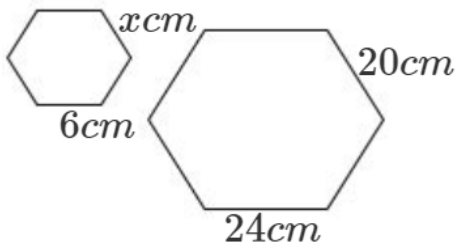
Year 9H Homework – Half Term 3

Homework 1 – Due: _____

Make sure you log on to HegartyMaths for help if you need it.
The clip number is shown with the topic.

Similarity (608)

These shapes are similar. Find x .

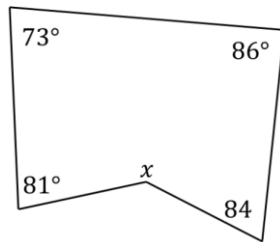


Percentage Change (97)

A jacket has been reduced from £20 to £18.
What percentage have they gone down by?

Angles in Polygons (561/563)

Calculate the missing angle x



Linear Inequalities (265)

Draw the possible solutions on a number line:

$$x \leq 6$$

Homework 2 – Due: _____

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

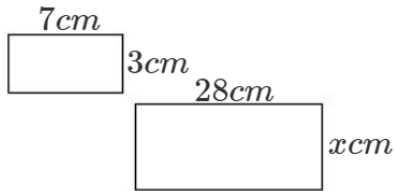
My score was: _____

Homework 3 – Due: _____

Make sure you log on to HegartyMaths for help if you need it.
The clip number is shown with the topic.

Similarity (608)

These shapes are similar. Find x .

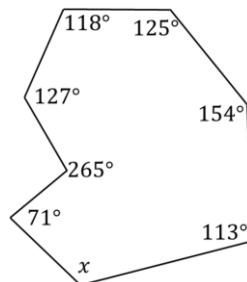


Percentage Change (97)

A gym membership has increased from £30 each month, to £36 each month. By what percentage has it increased?

Angles in Polygons (561/563)

Calculate the missing angle x



Linear Inequalities (267)

What are the possible integer values of x : $-4 < x \leq -2$

Homework 4 – Due: _____

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

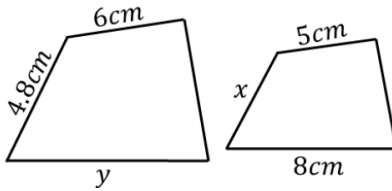
My score was: _____

Homework 5 – Due: _____

Make sure you log on to HegartyMaths for help if you need it.
The clip number is shown with the topic.

Similarity (608)

The two shapes are mathematically similar.
Calculate x and y .

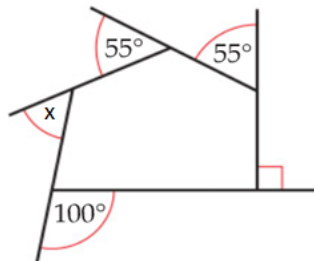


Percentage Change (97)

At the start of the year, there was £700 in a bank account. By the end of the year there was £735. What is the interest rate?

Angles in Polygons (561/563)

Calculate the missing angle x



Linear Inequalities (269)

Solve: $6x + 3 > 33$

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.