

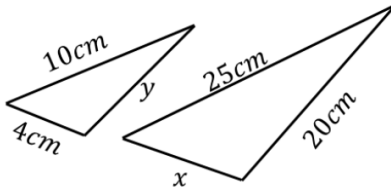
Year 9T Homework – Half Term 3

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)

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

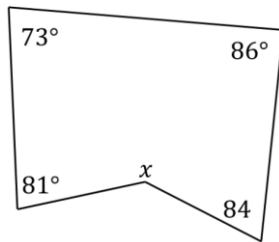


Percentage Change (97)

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:** _____

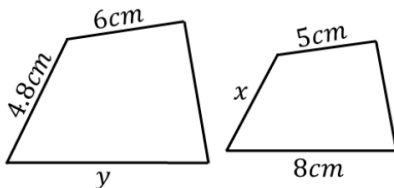
My score was: _____

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)

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

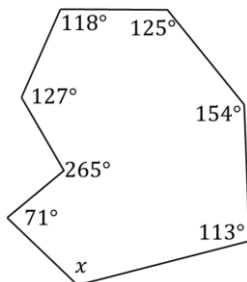


Percentage Change (97)

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 (267)

Solve: $6x + 3 > 33$

Homework 4 – Due: _____

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

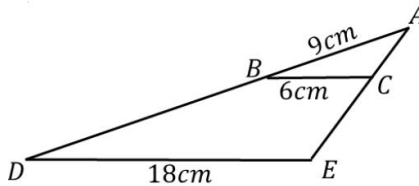
My score was: _____

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)

ABC and ADE are mathematically similar.
Calculate DB .

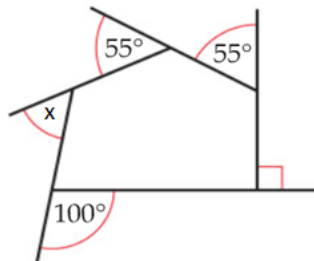


Percentage Change (97)

A household bill was £30 in May and £20.25 in June. By what percentage has the bill been reduced by?

Angles in Polygons (561/563)

Calculate the missing angle x



Linear Inequalities (267)

Find possible integer solutions to this inequality.

$$3 < 2x - 7 \leq 9$$

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.