

Year 7H Homework – Half Term 2

Homework 1 – Due: _____

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

Converting Metric Units (692)

In metres what is the sum of $5610mm$, $510cm$, $8.2m$ in metres?

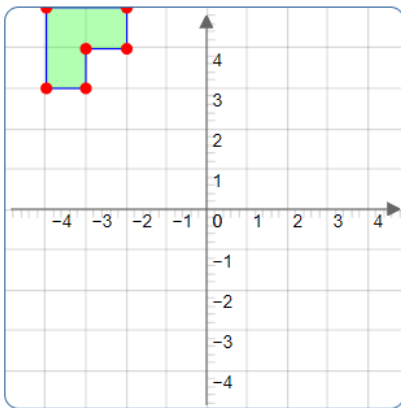
Negative Numbers (44)

$$-10 + -8 \times -1$$



Translate using the vector $\begin{pmatrix} 3 \\ -3 \end{pmatrix}$.
Then using the vector $\begin{pmatrix} -4 \\ -3 \end{pmatrix}$

Translation (638)



Collecting Like Terms (156/157)

Simplify $2a + 3b + 2a + 4b$.

Homework 2 – Due: _____

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

My score was: _____

Homework 3 – Due: _____

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Converting Metric Units (695)

Sophie and Louise have $680g$ and $4.4kg$ of shopping respectively. What is the total mass, in kilograms, of their shopping?

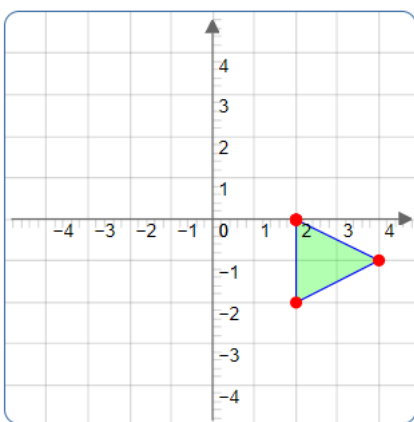
Negative Numbers (44)

$$6 + -1 \times 5$$



Translate using the vector $\begin{pmatrix} -2 \\ 3 \end{pmatrix}$.
Then using the vector $\begin{pmatrix} 3 \\ -4 \end{pmatrix}$

Translation (638)



Collecting Like Terms (156/157)

Simplify $2a - 3b + 2a - 4b$.

Homework 4 – Due: _____

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

My score was: _____

Homework 5 – Due: _____

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The clip number is shown with the topic.

Converting Metric Units (692)

Sort these measurements
of distance from shortest to longest:

2m, 360mm, 2200cm, 0.2km

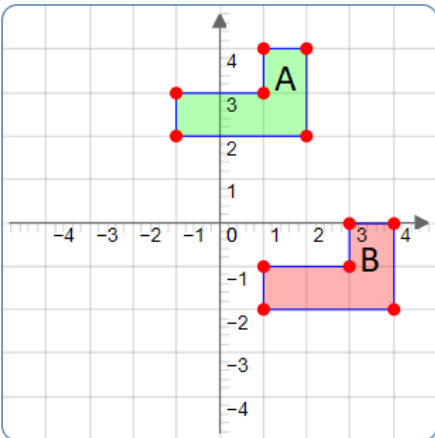
Negative Numbers (44)

$$-8 \times (-9 - 7)$$



Describe the translation
of A onto B

Translation (650)



Collecting Like Terms (156/157)

Simplify $a^2 + 2a + 3a^2$

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.