Year 7T 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.
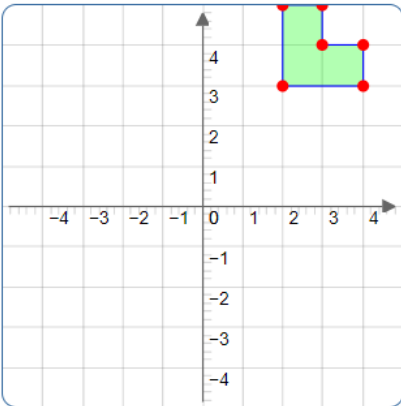

Converting Metric Units (709)

Sort these measurements of time from shortest to longest:

$0.5 days, 35000s, 22mins, 56hrs$

Negative Numbers (44)

$(-3)^3$

Translation (638)

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

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

Collecting Like Terms (156/157)

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

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.

Converting Metric Units (692)

Sort these measurements
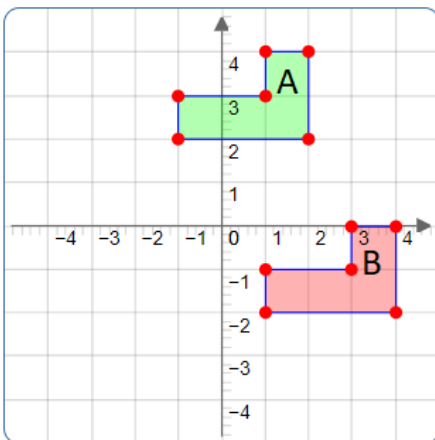of distance from shortest to longest:

$2m, 360mm, 2200cm, 0.2km$

Negative Numbers (44)

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

Translation (650)

Describe the translation
of A onto B

Collecting Like Terms (156/157)

Simplify:

$-2a - 2b - 2a - 2b$

Homework 4 – Due: _____

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

My score was: _____

Homework 5 – Due: _____

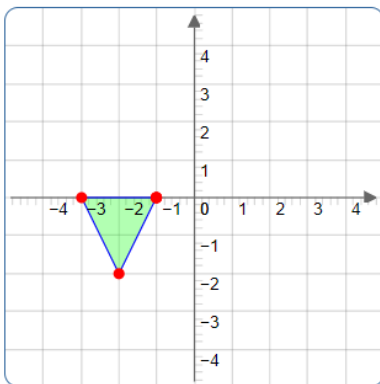Make sure you log on to HegartyMaths for help if you need it. The clip number is shown with the topic.

Toby needs $1.370l$ of water. The jug he is using only measures in ml. There is already $1075ml$ of water in the jug. How much more water, in ml, does Toby need to add?

$-7 - (-3)^3$

Translate using the vector $\binom{3}{3}$.

Then using the vector $\binom{-4}{2}$

Simplify:

3a - -2a + a

Homework 6 – Due: _____

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

My score was: _____

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.