

Year 9F Homework – Half Term 4

Homework 1 – Due: _____

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

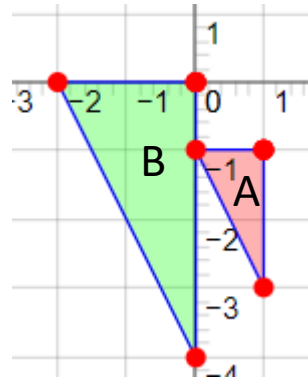
Proportional Quantities (739)

Here is a recipe for soup. What quantity of onions is needed to serve 8 people?

Serves 4
120 g onions
64 g carrots
2 tablespoons of oil
500 g tomatoes
840 mL vegetable stock

Enlargement (642)

What scale factor has triangle A been enlarged by to get B?



Equations of Straight Lines (207)

What is the gradient and y-intercept for this straight line equation?

$$y = 2x + 3$$

Gradient =

y-intercept =

Add and Subtract Fractions (66)

$$\frac{1}{5} + \frac{3}{10}$$



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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The clip number is shown with the topic.

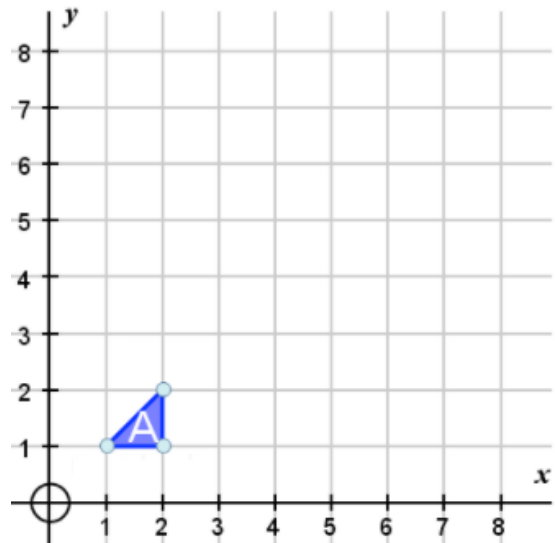
Proportional Quantities (763)

How much would it be for one can of baked beans?



Enlargement (642)

Enlarge shape A by scale factor 3 with centre of enlargement (0, 0).



Equations of Straight Lines (207)

What is the gradient and y-intercept for this straight line equation?

$$y = 3x - 2$$

Gradient =

y-intercept =

Add and Subtract Fractions (66)

$$\frac{7}{9} - \frac{2}{3}$$



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.

Proportional Quantities (763)


At which shop can you get the cheapest can of beans? How much cheaper is it?

Tisco



3 for £1.38

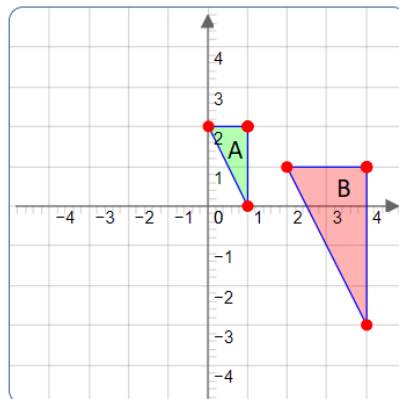
Azda



4 for £1.76

Enlargement (651)

Describe the enlargement of shape A onto shape B.



Scale Factor =

Centre of Enlargement = (,)

Equations of Straight Lines (207)

What is the gradient and y-intercept for this straight line equation?

$$y = -x + 3$$

Gradient =

y-intercept =

Add and Subtract Fractions (66)

$$\frac{1}{3} + \frac{1}{4}$$



Homework 6 – Due: _____

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

My score was: _____