

# Year 7F 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 (695)

$$1\text{cm} = \underline{\hspace{2cm}} \text{mm}$$

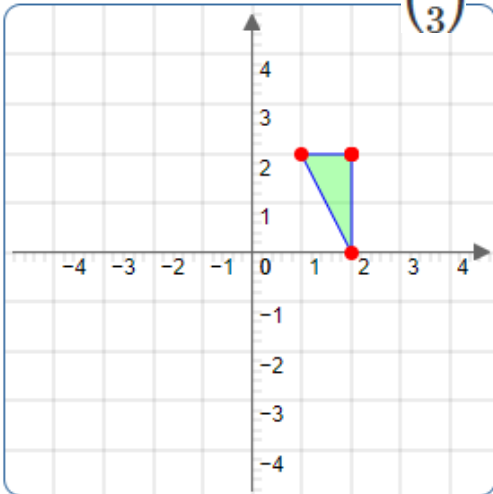
$$1\text{m} = \underline{\hspace{2cm}} \text{cm}$$

$$300 \text{ cm} = \underline{\hspace{2cm}} \text{m}$$

Comparing Decimals (46)

Put in order from smallest to biggest  
**0.81, 0.86, 0.09, 0.79**

Translate using the vector  $\begin{pmatrix} 2 \\ 3 \end{pmatrix}$  Translation  
(638)



Understanding Negatives

It is  $5^{\circ}\text{C}$  in London. It is  $10^{\circ}\text{C}$  colder in Manchester. What is the temperature in Manchester?

## 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.

Converting Metric Units (695)

$$7\text{cm} = \underline{\hspace{2cm}} \text{ mm}$$

$$4\text{m} = \underline{\hspace{2cm}} \text{ cm}$$

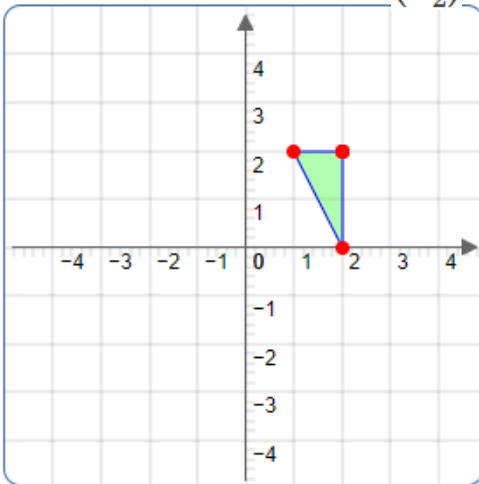
$$250 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$$

Comparing Decimals (46)

Put in order from smallest to biggest

**0.06, 0.6, 0.55, 0.57**

Translate using the vector  $\begin{pmatrix} 3 \\ -2 \end{pmatrix}$  Translation  
(638)



Understanding Negatives

A freezer runs at  $-17^{\circ}\text{C}$ . The temperature of the room where the freezer is stored is  $19^{\circ}\text{C}$ . What is the difference between these temperatures?

## 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.

Converting Metric Units (695)

$$1 \text{ litre} = \underline{\hspace{2cm}} \text{ ml}$$

$$1 \text{ km} = \underline{\hspace{2cm}} \text{ m}$$

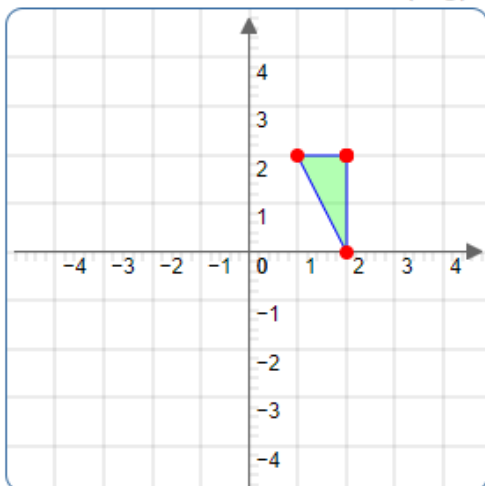
$$1 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

Comparing Decimals (46)

Put in order from smallest to biggest

**0.66, 0.07, 0.68, 0.7**

Translate using the vector  $\begin{pmatrix} -4 \\ -3 \end{pmatrix}$  Translation  
(638)



Understanding Negatives

Darren is on a plane. The temperature inside the cabin is  $22^{\circ}\text{C}$ . The temperature outside of the cabin is  $-33^{\circ}\text{C}$ . What is the difference between the temperatures?

## Homework 6 – Due: \_\_\_\_\_

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

My score was: \_\_\_\_\_