

# Year 8H 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.

Dividing Fractions (70)

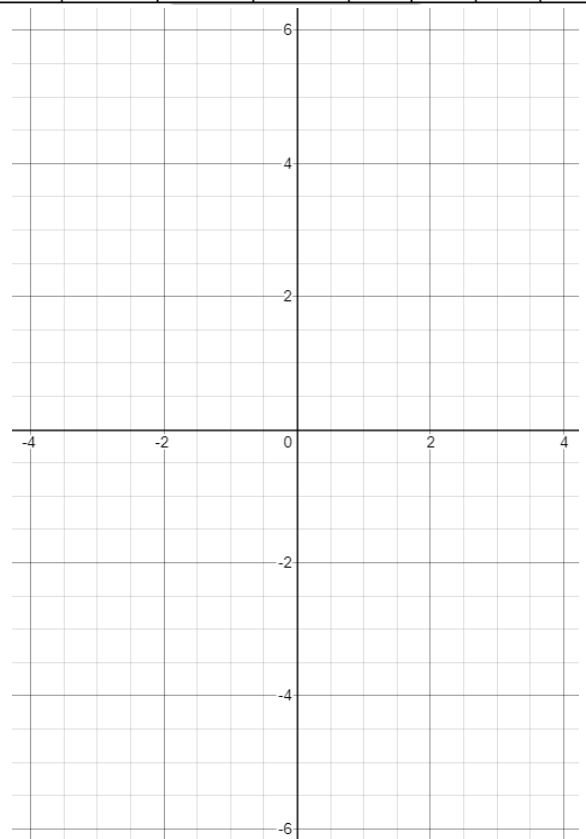
$$\frac{1}{3} \div \frac{1}{2}$$



Plotting Linear Functions (206)

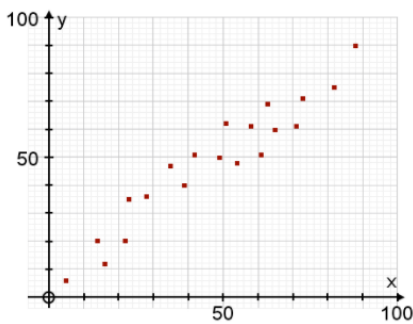
Complete the table of values and plot the equation  $y = 3x - 2$

$x$	-3	-2	-1	0	1	2	3
$y$							



Scatter Graphs (453)

What correlation is shown?



## 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.

## Dividing Fractions (70)

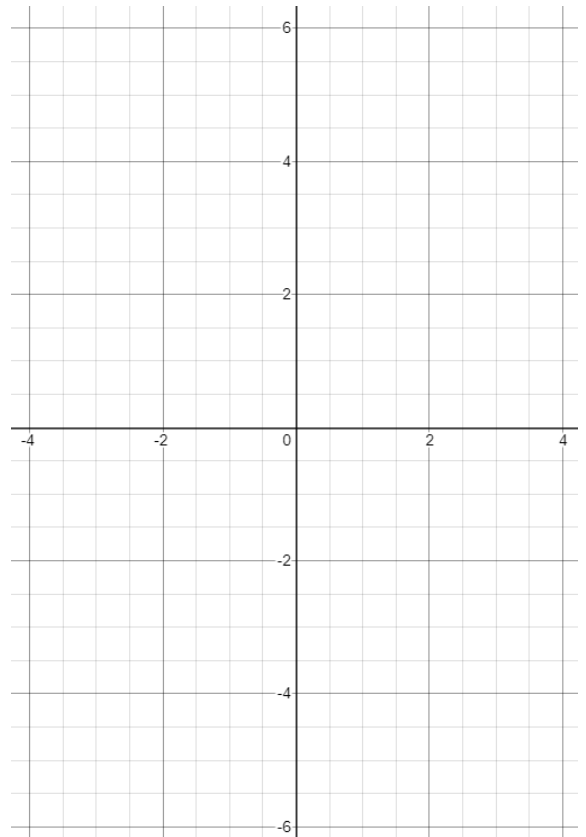


$$\frac{3}{4} \div \frac{2}{5}$$

## Plotting Linear Functions (206)

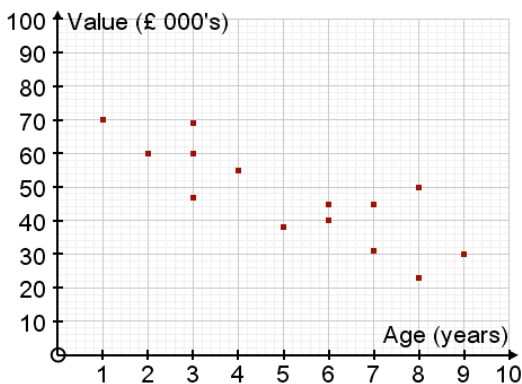
Complete the table of values and plot the equation  $y = 2x + 1$

$x$	-3	-2	-1	0	1	2	3
$y$							



## Scatter Graphs (453)

A car that is 4 years old is worth £50000. Plot this point on your scatter diagram



# 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.

## Dividing Fractions (70)

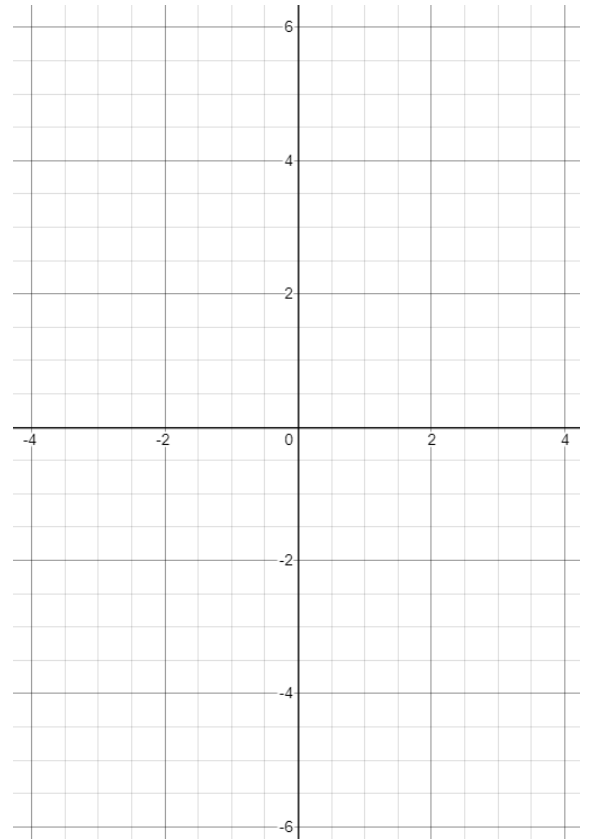
$$\frac{1}{4} \div \frac{2}{3}$$



## Plotting Linear Functions (206)

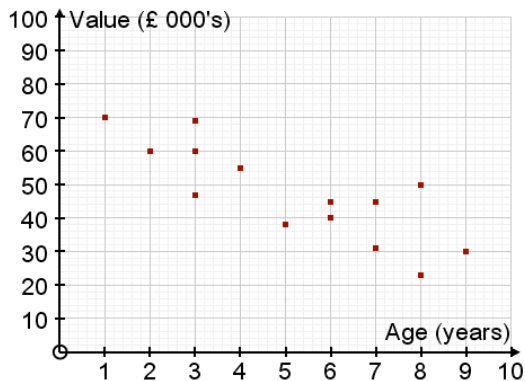
Complete the table of values and plot the equation  $y = -2x + 1$ :

$x$	-3	-2	-1	0	1	2	3
$y$							



## Scatter Graphs (453)

Estimate the cost of a car that is 8 years old.



# 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.