

# Year 7 Homework – Half Term 1

## Homework 1 – Due: \_\_\_\_\_

Make sure you log on to HegartyMaths for help if you need it.

Place Value (13)

9 4 7 5

Here are four digits.

- (a) Use two of these digits to make the largest possible two-digit number.

- (b) Use all four of these digits to make the four-digit number closest to 5000.

Addition (18)

Fill in the missing digits to make the addition correct.

$$\begin{array}{r} \square 6 4 \\ + 2 \square 6 \\ \hline 7 5 \square \end{array}$$

Subtraction (19)

Work out  $800 - 382$



Division (22)

Calculate  $3276 \div 7$



## 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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### Factors, Multiples and Primes (27/28/33)

Here is a list of numbers

6    10    11    16    24    30    40

- (a) Write down a multiple of 20
  
- (b) Write down a factor of 12
  
- (c) Write down a prime number

### Order of Operations (24/120)

Work out

$$11 + 11 - 6^2 \div 2$$



### Fractions to Decimals (73)

Write  $\frac{4}{5}$  as a decimal.



### Convert Fractions, Decimals & Percentages

Complete the table.

Fraction	Decimal	Percentage
$\frac{7}{100}$	0.07	
	0.35	35%
$\frac{3}{5}$		60%

## Homework 4 – Due: \_\_\_\_\_

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

## Homework 5 – Due: \_\_\_\_\_

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Multiplying Decimals (48)

Work out  $0.8 \times 1.2$



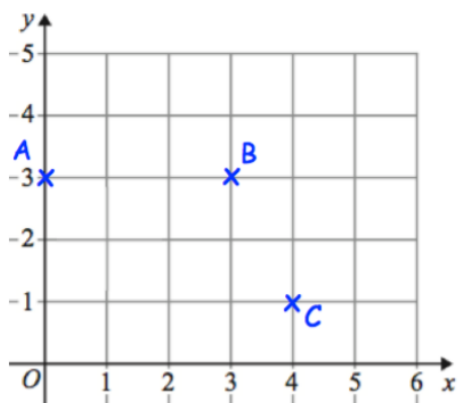
Order of Operations (24/120)

Put brackets in the following statements to make them true

$$6 \times 7 + 3 - 8 = 52$$

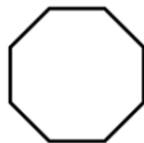
Coordinates (199/822)

ABCD is a parallelogram. What are the coordinates of D?



2D Shapes (822)

Name each shape:



## 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.