Miss Robinson's Maths Group Homework

EASTER HOLIDAY

Remember to set your work out clearly and write in pencil.

Please try all questions.

Please DO NOT print any of this homework. Write answers directly into your Homework Book and include any working out.
Please have your homework in school on
Wednesday 15th April, 2026

Arithmetic – Fraction Revision

$\frac{5}{20}$	
$\frac{6}{9}$	
$\frac{9}{12}$	
$\frac{4}{8}$	
$\frac{8}{10}$	

Use common factors to simplify the following fractions – leaving them in their lowest terms.

Arithmetic – Fraction Revision

Order the following fractions and mixed numbers

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

smallest largest

$\frac{4}{8}$	$\frac{3}{4}$	$\frac{12}{8}$	$\frac{5}{4}$	$\frac{9}{8}$	$\frac{4}{4}$

smallest largest

Arithmetic – Fraction Revision

Complete the following calculations – showing your working out in your book.

$\frac{4}{6} + \frac{4}{12} =$
$1\frac{3}{5} + \frac{6}{10} =$
$\frac{3}{4} + 1\frac{1}{2} =$
$\frac{1}{4} + 2\frac{1}{8} =$
$2\frac{3}{9} + \frac{7}{9} =$

$\frac{3}{4} - \frac{1}{2} =$
$1\frac{1}{3} - \frac{2}{6} =$
$1\frac{1}{5} - \frac{3}{10} =$
$2\frac{4}{5} - 1\frac{2}{10} =$
$2\frac{3}{8} - \frac{1}{4} =$

Arithmetic - Fractions Revision

Read and follow the example

$$\frac{2}{5} \div 6 = \frac{2}{5} \div \frac{6}{1} = \frac{2}{5} \times \frac{1}{6}$$

Keep Change Flip

$$\frac{2}{5} \times \frac{1}{6} = \frac{2}{30}$$

Calculate -

$$\frac{4}{6} \div 2 =$$

$$\frac{3}{4} \div 6 =$$

$$\frac{8}{10} \div 2 =$$

$$\frac{8}{8} \div 4 =$$

Arithmetic - Revision

Complete the following:

Fraction	Decimal	Percentage
$\frac{1}{4}$		25%
	0.5	50%
$\frac{3}{4}$	0.75	
$\frac{2}{5}$		40%
	0.2	20%
$\frac{2}{3}$	0.66	

17.29	
32.161	
55.324	
67.13	
98.89	

2.31	x		=	23 100
46	x	100	=	
4.46	x		=	446
	x	10	=	78.71
7.825	x	1 000	=	

Revision – Percentages

Example: 20% of 64

10% = 6·4

So 20% = 12·8

CHALLENGE

95% of 450 =

99% of 144 =

85% of 440 =

45% of 410 =

97% of 780 =

1. 25% of 78 =
2. 20% of 240 =
3. 50% of 45 =
4. 10% of 387 =
5. 25% of 450 =
6. 10% of 24 =
7. 20% of 580 =
8. 50% of 248 =
9. 5% of 56 =
10. 25% of 98 =

Easter Maths

1. The Easter Bunny can only carry 3 eggs at once. He has to choose 3 eggs from the following colours: Red, Green or Blue.

How many possible combinations of colours can the Easter Bunny carry?
(He can carry the same colour more than once)

To get you started: He could carry RRR
RRG
RRB

*Remember to work systematically.

Easter Maths

In one year, 78, 862, 314 Easter eggs were sold in the UK.

a) Round this number to the nearest one million. _____

b) Round this number to the nearest ten thousand. _____

c) If an extra 2 million eggs had been sold, what would this number be rounded to the nearest one million? _____

Remember to bring any questions about the work into Monday's lesson.

Have a wonderful holiday!