

Virtual Easter School Booklet.

Videos to support this work can be found at:

Day	Objective	Number Correct	Comment
1	Addition and Subtraction	/10	
2	Multiplication and Division	/10	
3	Percentages of Amounts	/10	
4	Addition and Subtraction of Fractions	/10	
5	Multiplying and Dividing Fractions	/10	
6	Money	/6	
7	Inverse Operations	/10	
8	Properties of Number	/8	
9	Equivalent Fractions, Decimals and Percentages.	/20	
10	Recap	/10	

Day 1 – Addition and Subtraction

Q1) _____ = $8,275 + 82$

Q2) $5.87 + 3.123 =$ _____

Q3) $39 + 673 =$ _____

Q4) $56.38 + 24.7 =$ _____

Q5) $46 + 304 =$ _____

Q6) $7 - 2.25 =$ _____

Q7) $7,064 - 502 =$ _____

Q8) $10 - 5.4 =$ _____

Q9) $345 - 60 =$ _____

Q10) $87 - 65 =$ _____

Day 2 – Multiplication and Division

Q1) $9 \times 41 = \underline{\hspace{2cm}}$

Q2) $25.34 \times 10 = \underline{\hspace{2cm}}$

Q3) $785 \times 23 = \underline{\hspace{2cm}}$

Q4) $2,345 \times 1,000 = \underline{\hspace{2cm}}$

Q5) $8 \times 33 = \underline{\hspace{2cm}}$

Q6) $87 \div 3 = \underline{\hspace{2cm}}$

Q7) $270 \div 3 = \underline{\hspace{2cm}}$

Q8) $3200 \div 10 = \underline{\hspace{2cm}}$

Q9) $180 \div 3 = \underline{\hspace{2cm}}$

Q10) $1,210 \div 11 = \underline{\hspace{2cm}}$

Day 3

Recap:

Q1) 24×86

Q2) $6 - 2.32$

Day 3 – Percentages of Amounts

Q1) 20% of 3000 = _____

Q2) 35% of 320 = _____

Q3) 51% of 900 = _____

Q4) 45% of 460 = _____

Q5) $32\% \times 500 =$ _____

Q6) 20% of 1800 = _____

Q7) $6\% \times 250 =$ _____

Q8) 99% of 900 = _____

Day 4 – Addition and Subtraction of Decimals

Q1) $\frac{1}{5} + \frac{3}{4} =$ _____

Q2) $\frac{8}{9} - \frac{1}{4} =$ _____

Q3) $2\frac{1}{2} + \frac{3}{4} =$ _____

Q4) $\frac{9}{11} - \frac{2}{11} =$ _____

Q5) $\frac{4}{5} + \frac{4}{10} =$ _____

Q6) $2 + \frac{2}{5} =$ _____

Q7) $3 - \frac{7}{10} =$ _____

Q8) $2\frac{1}{5} - \frac{3}{4} =$ _____

Day 5

Recap:

Q1) $165 \div 5$

Q2) 21% of 300

Day 5 – Multiplication and Division with Fractions.

Q1) $\frac{1}{4} \div 2 = \underline{\hspace{2cm}}$

Q2) $\frac{4}{6} \times \frac{3}{5} = \underline{\hspace{2cm}}$

Q3) $1\frac{1}{4}$ of 40 = $\underline{\hspace{2cm}}$

Q4) $\frac{4}{5} \div 4 = \underline{\hspace{2cm}}$

Q5) $\frac{5}{8} \div 2 = \underline{\hspace{2cm}}$

Q6) $1\frac{1}{2} \times 30 = \underline{\hspace{2cm}}$

Q7) $2\frac{2}{3}$ of 15 = $\underline{\hspace{2cm}}$

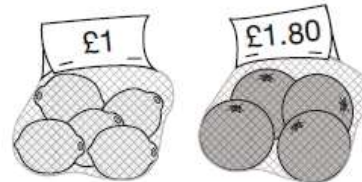
Q8) $\frac{2}{5} \times 40 = \underline{\hspace{2cm}}$

Day 6 - Money

- Q1) The children at Farmfield School are collecting money for charity.
Their target is to collect £360
So far they have collected £57.73
How much **more** money do they need to reach their target?

- Q2) Large pizzas cost £8.50 each.
Small pizzas cost £6.75 each.
Five children together buy one large pizza and three small pizzas.
They share the cost equally.
How much does each child pay?

- Q3) A bag of 5 lemons costs £1
A bag of 4 oranges costs £1.80



How much **more** does one orange cost than one lemon?

- Q4) Liam buys **two** apples.
He pays with a £1 coin and gets 64p change.



How much does **one** apple cost?

Q5) Amina posts three large letters.
The postage costs the same for each letter.
She pays with a £ 20 note.
Her change is £14.96

What is the cost of posting **one** letter?

£

Q6) Olivia buys three packets of nuts.



She pays with a **£2 coin**.

This is her change.



What is the cost of **one** packet of nuts?

£

Day 7

Recap

Q1) $1\frac{1}{2} \times \frac{3}{4} = \underline{\hspace{2cm}}$

Q2) 90% of 240 =

Day 7 – Inverse Operations

Q1)

Write the missing number.

One is done for you.

$$180 \xrightarrow{\text{is 20 more than}} 160$$

$$\boxed{\hspace{2cm}} \xrightarrow{\text{is 20 more than}} 237$$

Q2) Sarah had a bag of cherries.

She ate 5 cherries, then gave half of what she had left to Liam.

Liam ate 5 of his cherries, then gave half of what he had left to Amy.

Amy got 2 cherries.

How many cherries did Sarah have in her bag at the start?

Q3) Liam thinks of a number.

He divides it by 9 and then adds 25 to the result.

His answer is 36

What number did Liam start with?

Q4) Josh thinks of a number.

He adds 4

He multiplies his result by 3

Then he takes away 9

His final answer is 90

What number did Josh start with?

Q5) The numbers in this sequence increase by 14 each time.

Write the missing numbers.

82 96 124 138

Q6) Write the missing number to make this calculation correct.

$$11 \times \boxed{} = 1111$$

Q7) Lara chooses a number less than 100

She divides it by 3 and then subtracts 11

She then divides this result by 2

Her answer is 10.5

What was the number she started with?

Day 8

Recap:

Q1) 51% of 800

Q2) $10 - 6.21$

Day 8 – Properties of Number

Q1) The numbers in this sequence increase by 3 each time.

3, 6, 9, 12 . . .

The numbers in this sequence increase by 5 each time.

5, 10, 15, 20 . . .

Both sequences continue.

Write a number greater than 100 which will be in both sequences

Q2) Circle the numbers that are common factors of both 12 and 18

2 3 6 9 12

Q3) Circle the two prime numbers.

29 39 49 59 69

Q4) Put these values in order with the smallest first.

5^2	3^2	3^3	2^3
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
smallest			largest

Q5) Write three factors of 30 that are not factors of 15

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Q6) A number multiplied by itself gives the answer 49 Circle the number.

2 3 4 5 6 7 8 9

Q7) Find two square numbers that total 45

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = 45$$

Q8) Write the two other prime numbers that multiply to make 165

$$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} \times 5 = 165$$

Day 9

Recap

Q1) $1206 \div 9 = \underline{\hspace{2cm}}$

Q2) $1 - \frac{3}{8} = \underline{\hspace{2cm}}$

Day 9 – Equivalent Fractions, Decimals and Percentages.

Complete the table, simplifying all fractions. One has been done for you.

Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	50%
	0.4	
$\frac{1}{4}$		
		35%
		80%
$\frac{3}{4}$		
	0.08	
		6%
	0.22	
$\frac{3}{5}$		
$\frac{11}{20}$		

DAY 10 - Recap

Q1) $4.3 + 17.84 =$ _____

Q2) $34 \times 186 =$ _____

Q3) 45% of 80 = _____

Q4) $1\frac{3}{5} \times \frac{3}{5} =$ _____

Q5) Amina buys some cheese that costs £1.35. Amina pays with a £2 coin.

How much change should Amina get?

Q6) $2\frac{3}{5} - \frac{1}{2} =$ _____

Q7) $\frac{3}{5}$ of 45 = _____

Q8) Liam thinks of a number. He divides it by 9 and then adds 25 to the result.

His answer is 36

What number did Liam start with?

Q9) Write down two numbers that are factors of 24 and 18. _____ & _____

Q10) $\frac{4}{5} =$ _____ %