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 |  |
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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 × 41 = \_\_\_\_\_\_

Q2) 25.34 × 10 = \_\_\_\_\_\_

Q3) 785 × 23 = \_\_\_\_\_\_

Q4) 2,345 × 1,000 = \_\_\_\_\_\_

Q5) 8 × 33 = \_\_\_\_\_\_

Q6) 87 ÷ 3 = \_\_\_\_\_\_

Q7) 270 ÷ 3 = \_\_\_\_\_\_

Q8) 3200 ÷ 10 = \_\_\_\_\_\_

Q9) 180 ÷ 3 = \_\_\_\_\_\_

Q10) 1,210 ÷ 11 = \_\_\_\_\_\_

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% × 500 = \_\_\_\_\_\_

Q6) 20% of 1800 = \_\_\_\_\_\_

Q7) 6% × 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 ÷ 5

Q2) 21% of 300

Day 5 – Multiplication and Division with Fractions.

Q1) $\frac{1}{4}÷2$ = \_\_\_\_\_\_

Q2) $\frac{4}{6}×\frac{3}{5}$ = \_\_\_\_\_\_

Q3) $1\frac{1}{4}of40$ = \_\_\_\_\_\_

Q4) $\frac{4}{5}÷4$ = \_\_\_\_\_\_

Q5) $\frac{5}{8}÷2$ = \_\_\_\_\_\_

Q6) $1\frac{1}{2}×30$ = \_\_\_\_\_\_

Q7) $2\frac{2}{3}of15$ = \_\_\_\_\_\_

Q8) $\frac{2}{5}×40$ = \_\_\_\_\_\_

Day 6 - Money

Q1)

Q2)



Q3)



Q4)

Q5)



Q6)



Day 7

Recap
Q1) $1\frac{1}{2}×\frac{3}{4}$ = \_\_\_\_\_\_

Q2) 90% of 240 = \_\_\_\_\_\_

Day 7 – Inverse Operations

Q1)

Write the missing number.

One is done for you.

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.



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



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.



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



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

\_\_\_\_\_\_ + \_\_\_\_\_\_ = 45

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

\_\_\_\_\_\_ x \_\_\_\_\_\_ x 5 = 165

Day 9

Recap

Q1) 1206 ÷ 9 = \_\_\_\_\_\_

Q2) $1-\frac{3}{8}=$ \_\_\_\_\_\_

Day 9 – Equivalent Fractions, Decimals and Percentages.

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

|  |  |  |
| --- | --- | --- |
| Fraction | Decimal | Percentage |
| $$^{1}/\_{2}$$ | 0.5 | 50% |
|  | 0.4 |  |
| $$^{1}/\_{4}$$ |  |  |
|  |  | 35% |
|  |  | 80% |
| $$^{3}/\_{4}$$ |  |  |
|  | 0.08 |  |
|  |  | 6% |
|  | 0.22 |  |
| $$^{3}/\_{5}$$ |  |  |
| $$^{11}/\_{20}$$ |  |  |

DAY 10 - Recap

Q1) 4.3 + 17.84 = \_\_\_\_\_\_

Q2) 34 x 186 = \_\_\_\_\_

Q3) 45% of 80 = \_\_\_\_\_\_

Q4) $1\frac{3}{5}×\frac{3}{5}$ = \_\_\_\_\_\_

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) $^{4}/\_{5}$ = \_\_\_\_\_ %