

8.1.2021

Quick Maths

A

- $5000\text{m} = \underline{\hspace{1cm}}\text{km}$
- $50 - 27 =$
- $8 \times 0 =$
- Value of the 2 in $1\underline{2}516$



B

- $2/7$ of $\underline{\hspace{1cm}} = 6$
- Round 20182 to the nearest 10
- 27, $\underline{\hspace{1cm}}$, $\underline{\hspace{1cm}}$, $\underline{\hspace{1cm}}$, 87
- $990 \div 11 =$

24cm
6cm Perimeter =

Challenge



I started with £6.24. I have spent $8/12$ of my money. How much money do I have left?

Flashback 4

Year 4 | Week 1 | Day 3

- 1) What is 3×12 ?
- 2) Find $36 \div 6$
- 3) Six divided by six is equal to?
- 4) Find the sum of 3,482 and 1,563



Times Tables



- | | |
|---------------------|----------------------|
| 1. $7 \times 9 =$ | 11. $12 \times 7 =$ |
| 2. $6 \times 3 =$ | 12. $6 \times 9 =$ |
| 3. $9 \times 11 =$ | 13. $11 \times 10 =$ |
| 4. $5 \times 5 =$ | 14. $7 \times 2 =$ |
| 5. $8 \times 3 =$ | 15. $9 \times 5 =$ |
| 6. $3 \times 12 =$ | 16. $8 \times 7 =$ |
| 7. $12 \times 10 =$ | 17. $2 \times 11 =$ |
| 8. $11 \times 12 =$ | 18. $5 \times 12 =$ |
| 9. $7 \times 4 =$ | 19. $6 \times 4 =$ |
| 10. $9 \times 8 =$ | 20. $3 \times 9 =$ |

FACTOR PAIRS



Learning Objective:

Today I am learning to

- understand what the term 'factors' means.
- work systematically to find factor pairs.

Success Criteria

I will be successful if I can

- explain what 'factors' means.
- work systematically to find factor pairs.

Key Vocabulary

| | |
|-------------|-------------|
| - factors | - multiply |
| - pairs | - patterns |
| - equal | - division |
| - multiples | - divisible |

FACTOR PAIRS



Find the factor pairs for the following numbers.

A

B

C

True or False?

Worksheet

1. 12

1. 45

2. 18

2. 72

1. 6

3. 21

3. 81

2. 8

4. 24

4. 93

3. 10

5. 35

5. 102

4. 15

6. 48

6. 121

5. 25

7. 56

7. 240

6. 50

8. 66

8. 276

All numbers
have at least
two factors.



Sophie

Use the stem sentence...

Sophie's statement is _____
because _____.

Some numbers are equal to the sum of all their factors (not including the number itself).

e.g. 6

6 has 4 factors, 1, 2, 3 and 6

Add up all the factors not including 6 itself.

$$1 + 2 + 3 = 6$$

6 is equal to the sum of its factors (not including the number itself).

How many other numbers can you find that are equal to the sum of their factors?

Which numbers are less than the sum of their factors?

Which numbers are greater than the sum of their factors?

