

Can I identity prime numbers up to 20?

Write down all the prime numbers up to 20

Explain how you know they are prime numbers.

1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

Can I identify factors?

I can explain what factors are.

I can identify common factors

I can identify factors of larger numbers.

ORDER OF OPERATIONS



Order of operations is used when a calculation has more than one operations.

We find the answer by following what operation we should do first.

BIDMAS

Brackets (any calculation in brackets)

Indices - squared and cubed numbers

Division

Multiplication

Addition

Subtraction

Examples

$$4 + 5 \times 5$$

$$4 + 25 = 29 \text{ (answer)}$$

**5x5 first because
multiplication comes before
addition**

$$(4 + 5) \times 5$$

$$9 \times 5 = 45$$

**Same numbers as above BUT
Brackets come before
multiplication.**

Bidmas

- 1) Brackets
- 2) Indices
- 3) Division
- 4) Multiplication
- 5) Addition
- 6) Subtraction

Look at the examples below as support before your activities.

1) $72 \div 12 - 6$

$6 - 6 = 0$

2) $54 \times 10 + (7 - 5)$ Brackets first

$54 \times 10 + 2$ Then multiplication

$540 + 2 = 542$ Then add

Bidmas

1) Brackets

2) Indices

3) Division

4) Multiplication

5) Addition

6) Subtraction

Complete

1) $6 + 7 \times 2 =$

2) $4 + 2 \times 5 =$

3) $3 \times 2 \times 8 =$

4) $16 \times 3 - 2 =$

5) $56 - 7 \times 6 =$

6) $17 \times 3 - 20 =$

7) $(3 + 24) \times 10 =$

8) $4 \times (56 \div 2) =$

9) $(20 \div 5) \times 3 =$

10) $93 - 10 \div 2 =$

11) $11 \times 12 \div 4 =$

12) $6 \times 8 \div 12 =$

13) $21 \times 5 \div 2 =$

12) $5^2 - 16 =$

13) $83 + 4^2 =$

14) $2^3 + 3 \times 9 =$

15) $24 - (2 \times 8) =$

16) $243 + 7^2 - 5 =$

17) $90 - 3^3 \times 2 =$

18) $10.5 \times 2 + 71 =$

19) $(19 \times 3) - 17 + 4 =$

Bidmas

1) Brackets

2) Indices

3) Division

4) Multiplication

5) Addition

6) Subtraction