

What's your order?

- 1 Complete the order in which we do parts of a calculation. Use:

subtraction

addition

division

brackets

multiplication

Brackets

Division

Multiplication

Addition

Subtraction

This is called the
order of operations.



Order challenge!

Use the order of operations to solve:

2 $10 + 16 \div 4 =$ 14

6 $(59 - 30) + 5 \times 2 =$ 39

3 $(43 - 30) + 2 =$ 15

7 $20 + (12 + 4) \times 6 =$ 116

4 $5 + 7 \times 3 =$ 26

8 $(100 - 49) \times 20 + (20 - 12) =$ 1028

5 $56 - 4 \times (2 + 5) =$ 28

9 $40 + 5 + 6 \times 3 =$ 63

Emoji algebra

The first one has been done for you.



Solve these problems to find the value of each emoji.

$$\text{flower} + 20 = 28$$

$$\text{flower} = 8$$

10 $(2 \times \text{happy face}) + 20 = 48$

$\text{happy face} = 14$

11 $3 = 12 \div \text{panda}$

$\text{panda} = 4$

12 $\text{surprised face} \times 7 = 42$

$\text{surprised face} = 6$

13 $9 = 22 - \text{heart}$

$\text{heart} = 13$

14 $14 + (2 \times \text{crown}) = 20$

$\text{crown} = 3$

15 $31 - 5 = (2 \times \text{smiling face}) + 6$

$\text{smiling face} = 10$

If $\text{sun} = 5$, what do these equal?

$$(2 \times \text{sun}) + 4 = 10 + 4 = 14$$

The first one has been done for you.

16 $(8 \times \text{sun}) + 123 = 40 + 123 = 163$

17 $(12 \times \text{sun}) - (120 \div \text{sun}) = 60 - 24 = 36$

18 Use two emojis to write your own algebraic equation.
Explain how you know it works.



Accept any suitable answer.

I found this:

Easy

Challenging

I needed help