What to do...

1. Each pair of sums has a number which has vanished into space!

2. Help the Blob sort this out!

3. Work out the missing number in each pair of sums.

4. Can you make up some more of your own 'vanished into space' sums!

Vanished into space!

Understanding that a symbol can stand for a number is an important idea in later mathematics. This activity can be seen as early algebra, and also leads to quite a lot of arithmetic practice!

$$5 + \text{🚀} - 3 = 19$$
$$2 \times 3 + \text{🚀} = 23$$

$$23 - 4 + \text{🚀} = 38$$
$$\text{🚀} + 7 - 12 = 14$$

$$5 \times \text{🚀} - 10 = 30$$
$$\text{🚀} - 10 + 27 = 25$$

$$\text{🚀} - 9 + 25 = 29$$
$$10 \times \text{🚀} - 30 = 100$$

$$5 \times \text{🚀} - 12 = 68$$
$$\text{🚀} \times 2 - 2 = 30$$

$$2 \times \text{🚀} - 13 = 27$$
$$\text{🚀} \div 2 + 14 = 24$$

Oh dear, some of my numbers have vanished into space and now I can't finish my sums. Please help me find them.