

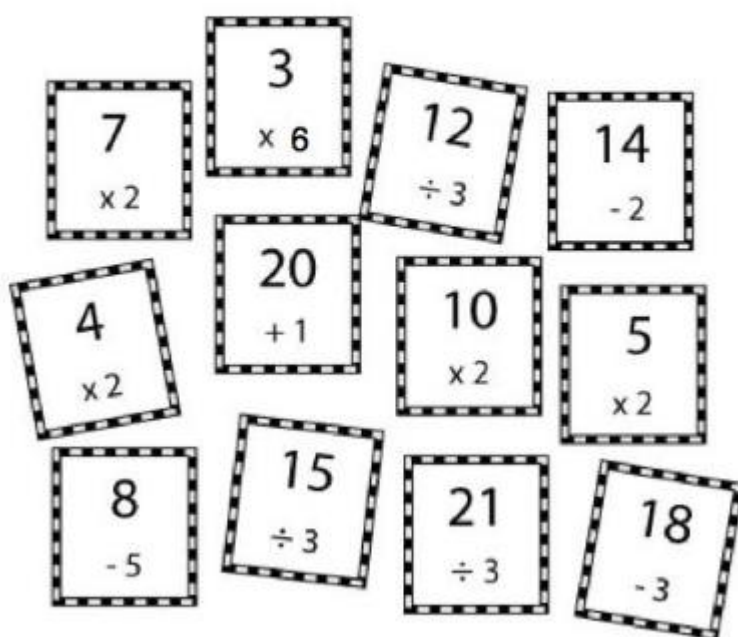
KS1 Problem

Possible solutions: <https://nrich.maths.org/8058/solution>

Ordering Cards

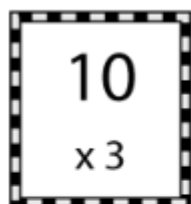
Age 5 to 11 ★

Look at these cards.



Can you sort them so that they follow round in a loop?

Here is a card from a different set.



What number would follow it?

What about this one? What would follow it?



7

$\times 2$

3

$\times 6$

12

$\div 3$

4

$\times 2$

20

$+ 1$

10

$\times 2$

8

$- 5$

15

$\div 3$

5

$\times 2$

21

$\div 3$

18

$- 3$

14

$- 2$

KS2 Problem

Multiply Multiples 2

Age 7 to 11 ★

In the equation below each square represents a missing digit:

$$\square 00 \times \square = \square 00 \times \square$$

One possible solution is:

$$100 \times 2 = 200 \times 1$$

Can you work out some different ways to balance the equation?

Multiply Multiples 3

Age 7 to 11 ★

In the equation below each square represents a missing digit:

$$\square 0 \times \square 0 = \square 0 \times \square 0$$

One possible solution is:

$$10 \times 40 = 20 \times 20$$

Can you work out some different ways to balance the equation?