

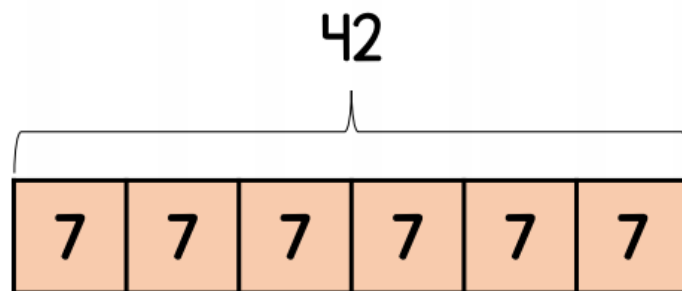
15.1.21

Red –

Multiply and divide by 6

# True or False ?

Multiply and divide by 6



So  $42 \div 6 = 7$

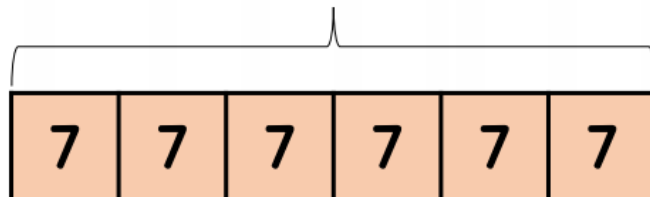


# True or False ?

Multiply and divide by 6

True

42



42 divided into 6 equal groups gives 7 in each group.



MULTIPLY AND  
DIVIDE BY 6



1) Complete the table.

$\times$	1	10	100	1,000
6		60		

2) Complete the missing numbers.

$$1 \times 6 = \text{-----}$$

$$2 \times 6 = \text{-----}$$

$$4 \times 6 = \text{-----}$$

$$8 \times 6 = \text{-----}$$

3)  $7 \times 6 = \underline{\quad} \times 7$



1) Complete the table.

×	<b>1</b>	<b>10</b>	<b>100</b>	<b>1,000</b>
<b>6</b>	6	60	600	6,000

2) Complete the missing numbers.

$$1 \times 6 = \underline{\underline{6}}$$

$$2 \times 6 = \underline{\underline{12}}$$

$$4 \times 6 = \underline{\underline{24}}$$

$$8 \times 6 = \underline{\underline{48}}$$

3)  $7 \times 6 = \underline{\underline{6}} \times 7$

What do you see?

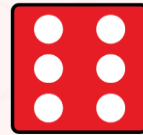


There are 6 equal groups of 3

$$\boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} = \boxed{18}$$

$$\boxed{3} \times \boxed{6} = \boxed{18} \qquad \boxed{6} \times \boxed{3} = \boxed{18}$$

What do you see?



There are 3 equal groups of 6

$$\boxed{6} + \boxed{6} + \boxed{6} = \boxed{18}$$

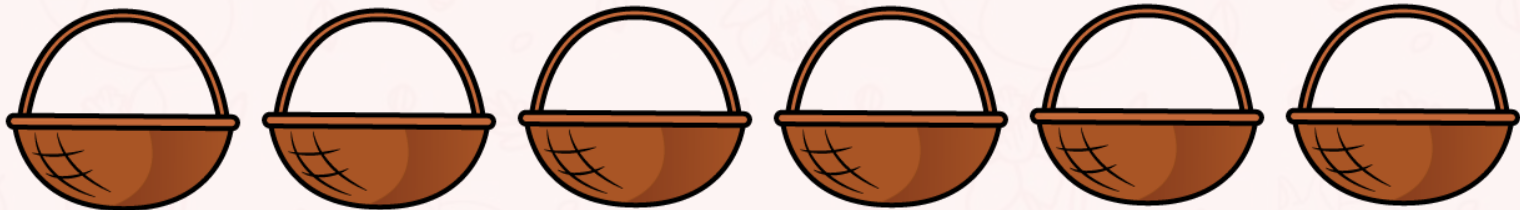
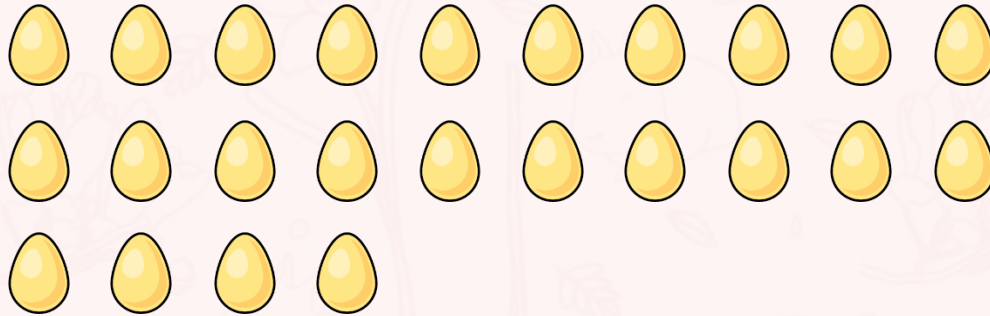
$$\boxed{3} \times \boxed{6} = \boxed{18}$$

$$\boxed{6} \times \boxed{3} = \boxed{18}$$



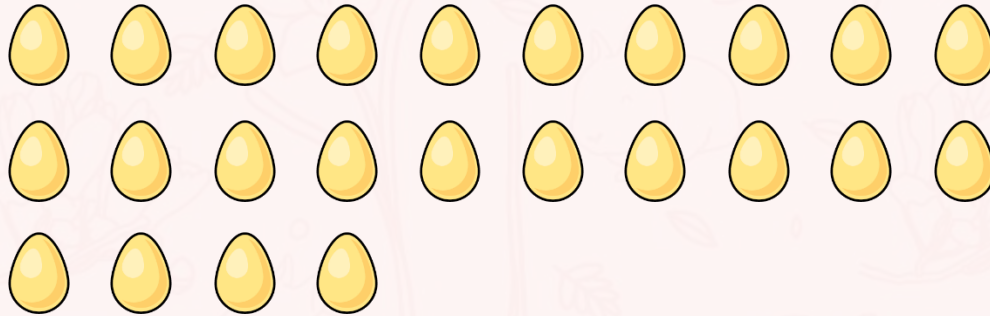
**Now have a go at question  
1 on the worksheet.**

There are 24 eggs altogether.

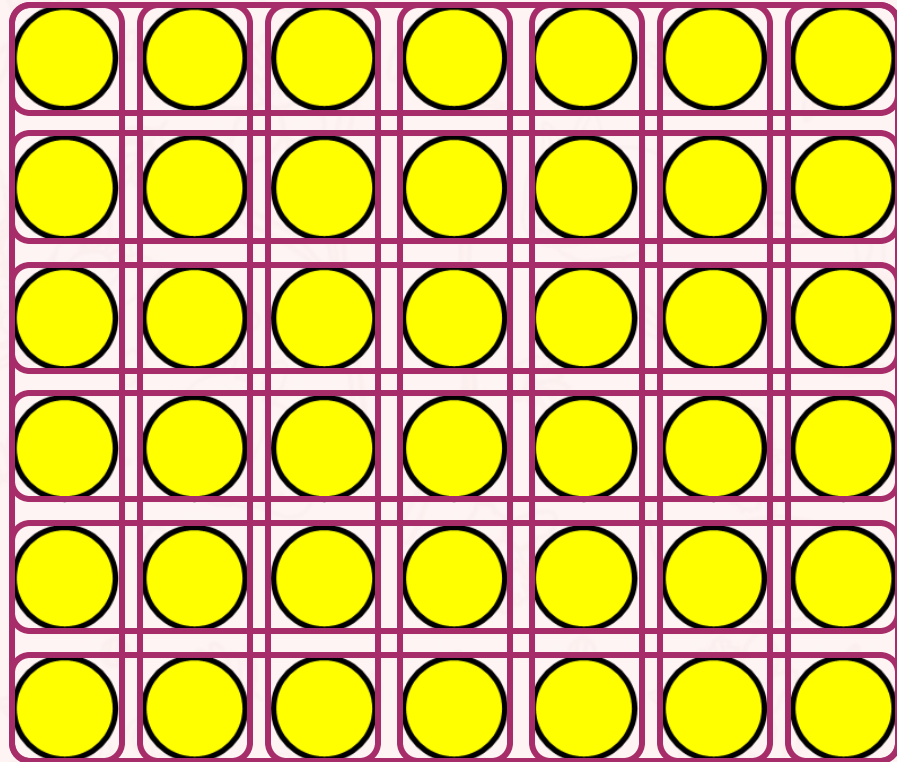


$$\boxed{24} \div \boxed{6} = \boxed{4}$$

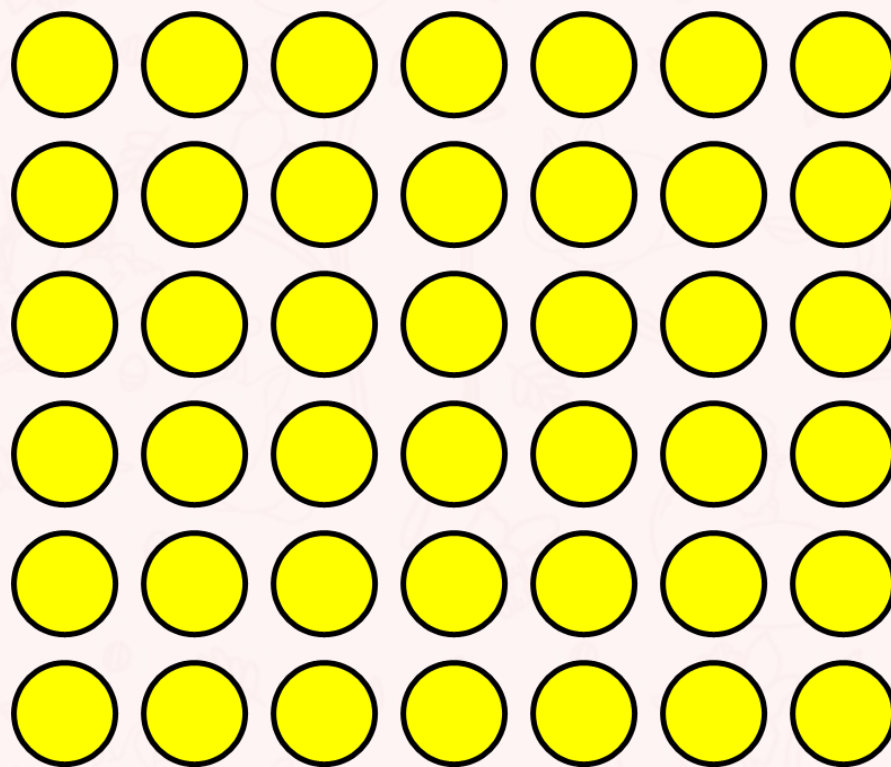
There are 24 eggs altogether.



$$\boxed{24} \div \boxed{6} = \boxed{4}$$



There are 6 rows of 7  
There are 7 columns of 6



$$6 \times 7 = 42$$

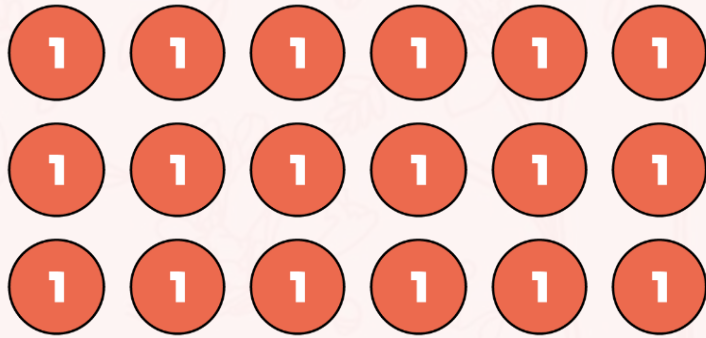
$$42 \div 6 = 7$$

$$7 \times 6 = 42$$

$$42 \div 7 = 6$$



**Now have a go at question  
2-4 on the worksheet.**

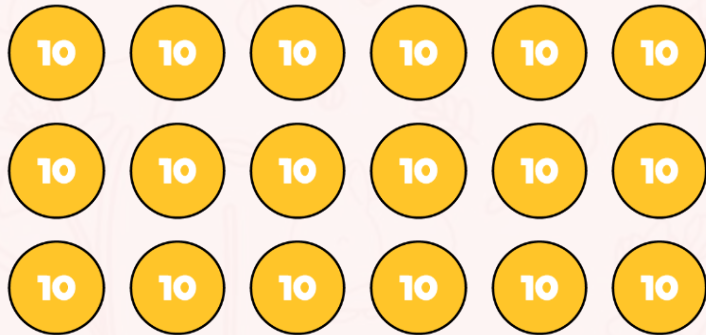


$$3 \times 6 = 18$$

$$18 \div 6 = 3$$

$$6 \times 3 = 18$$

$$18 \div 3 = 6$$



$$3 \text{ tens} \times 6 = 18 \text{ tens}$$

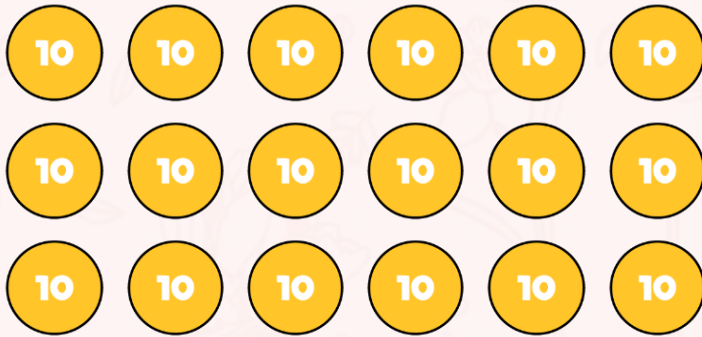
$$30 \times 6 = 180$$

$$180 \div 6 = 30$$

$$6 \text{ tens} \times 3 = 18 \text{ tens}$$

$$60 \times 3 = 180$$

$$180 \div 3 = 60$$

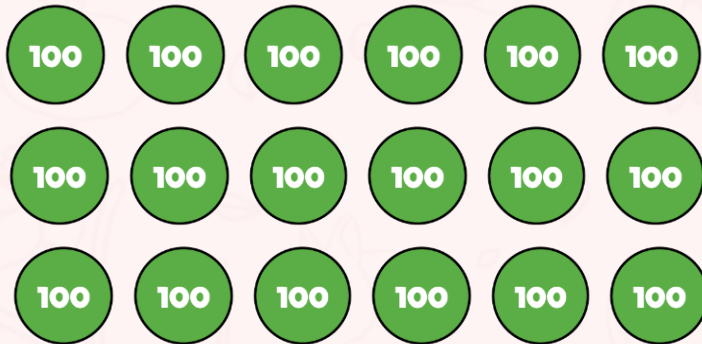


$$6 \times 30 = 180$$

$$180 \div 6 = 30$$

$$3 \times 60 = 180$$

$$180 \div 3 = 60$$



$$6 \times 300 =$$

$$1,800 \div 6 =$$

$$3 \times 600 =$$

$$1,800 \div 3 =$$

$6 \times 3$  hundreds = 18 hundreds

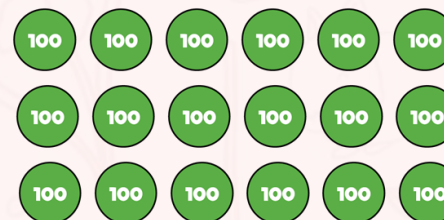
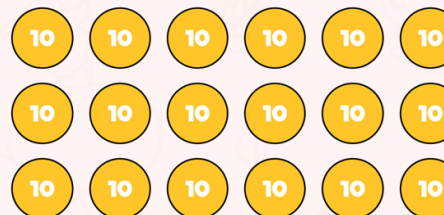
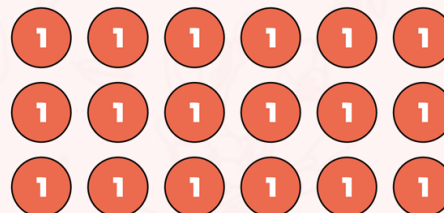
$3 \times 6$  hundreds = 18 hundreds

Have a think



$$18 \div 6 = 3$$
$$180 \div 6 = 30$$
$$1,800 \div 6 =$$

$$54 \div 6 = 9$$
$$540 \div 6 = 90$$
$$5,400 \div 6 = 900$$



**Now complete your work sheet.**



Now play Hit the Button game selecting x6.

<https://www.topmarks.co.uk/maths-games/hit-the-button>

Home

# Times Tables

Tables up to 12

Tables up to 10

Hit the Answer

Hit the Question

Mixed

$\times 2$

$\times 3$

$\times 4$

$\times 5$

$\times 6$

$\times 7$

$\times 8$

$\times 9$

$\times 10$

$\times 11$

$\times 12$

Mixed

$\times 2$

$\times 3$

$\times 4$

$\times 5$

$\times 6$

$\times 7$

$\times 8$

$\times 9$

$\times 10$

$\times 11$

$\times 12$

Topmarks

# Challenge play Hit the Button division facts $\div 6$ .

<https://www.topmarks.co.uk/maths-games/hit-the-button>

