

Multiplication and Division

What methods do we use?

- Repeated addition
- Arrays
- Sharing circles

Repeated addition

$$3 \times 2 = 6$$

How could you work this out?

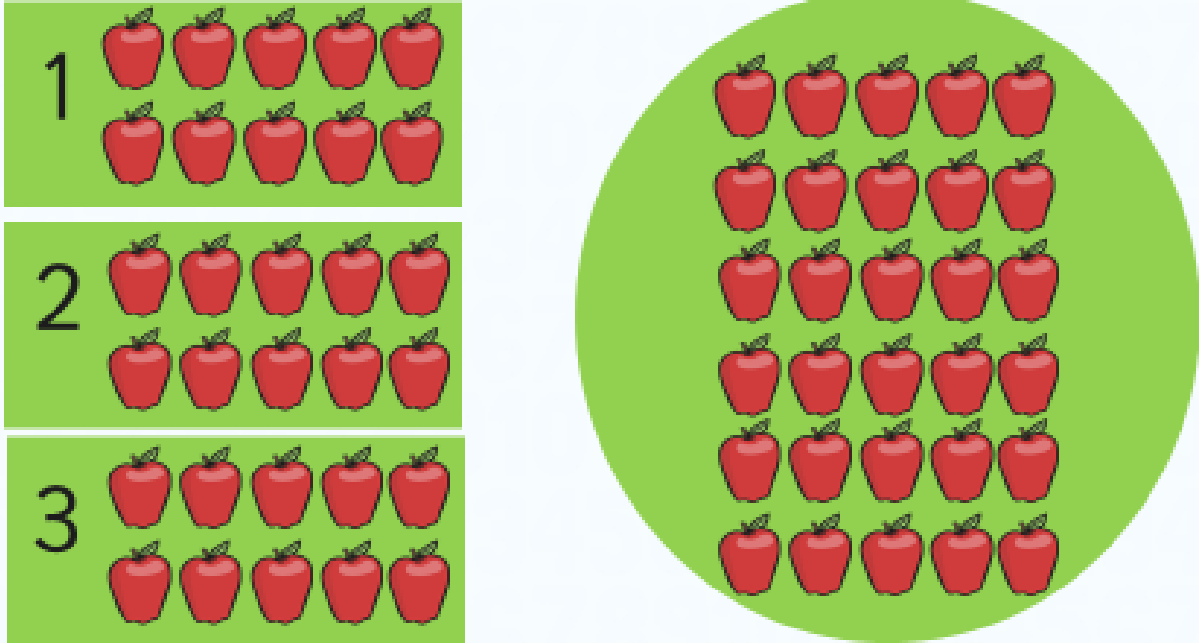
$$2 + 2 + 2 =$$

$$4 \times 2 = 8$$



$$2 + 2 + 2 + 2 = 8$$

$3 \times 10 = 30$



$10 + 10 + 10 = 30$

WALT use addition to multiply.

1. $5 \times 5 =$

2. $3 \times 2 =$

3. $2 \times 10 =$

4. $6 \times 5 =$

5. $7 \times 2 =$

6. $4 \times 10 =$

1. $5 \times 5 =$

2. $4 \times 2 =$

3. $3 \times 10 =$

4. $6 \times 3 =$

5. $7 \times 4 =$

6. $4 \times 3 =$

7. $8 \times 4 =$

Challenge! Can you write your own multiplication sums and the matching repeated addition

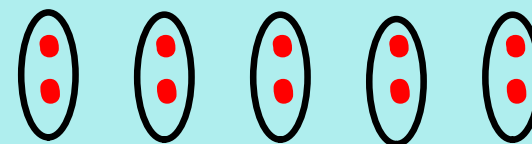
What Is an Array?

When pictures or objects are put into columns, it is called an **array**. They can help us to count more efficiently.

$$5 \times 2 = \underline{\quad}$$

5×2

$2 + 2 + 2 + 2 + 2$



Repeated Addition

Array

What Is an Array?

When pictures or objects are put into columns, it is called an **array**. They can help us to count more efficiently.

$$7 \times 2 = \underline{\quad}$$

7×2

$2+2+2+2+2+2+2$



Repeated Addition

Array

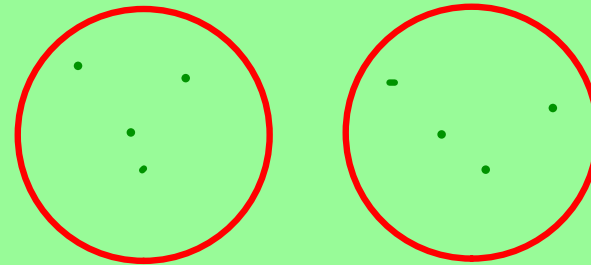
Division and sharing circles

$$8 \div 2 = \underline{\quad}$$

How do we read this sentence?

8 divided by 2 equals

8 shared into 2 equals



$$20 \div 5 = \underline{\quad}$$

How do we read this sentence?

20 **divided by** 5 equals

20 **shared into** 5 equals



$$14 \div 3 = \underline{4} r2$$

