

Friday 19th February 2021

Multiplying and Dividing by 5

Top tip

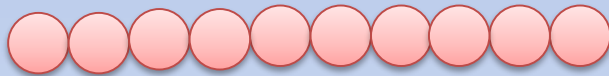


Remember that every number in the 5 times table always ends in **0 or 5**.

Equal groups

Let's look at an example:

The Big Pink Bubble Gum Company is holding a bubble blowing contest. They have **25** gumballs to share equally between **5** people.



The total number of gumballs is 25. the gumballs will be divided equally between 5. so the number of equal groups is 5.



We can show this with the expression $25 \div 5 = 5$

Lets try another one

The big pink bubble gum company decides to use **20** gumballs in the competition.

They have **5** people blowing bubbles.

There are a total of _____ gumballs that will be divided evenly into _____ groups.

Which expression can we use to show
35 gumballs divided into 5 equal-size
groups?

$$5 \div 35 =$$

$$35 \div 5 =$$

$$35 \times 5 =$$

$$5 \times 7 =$$

$$5 \times 10 =$$

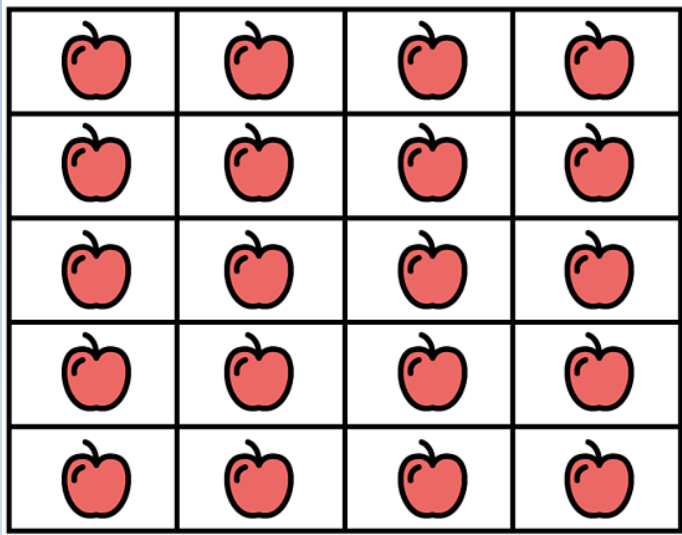
$$40 \div 5 =$$

$$25 \div 5 =$$

Groups of 5

This array has 5 apples in each column.

There are 4 columns, making 4 lots of 5.



- As a repeated addition this is written:
- $5 + 5 + 5 + 5$
- Or 4 lots of 5 is the same as 4×5 and $4 \times 5 = 20$.

Now try these

$1 \times 5 = \underline{\quad}$

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

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

$10 \div 5 = \underline{\quad}$

$3 \times 5 = \underline{\quad}$

$15 \div 5 = \underline{\quad}$

$4 \times 5 = \underline{\quad}$

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

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

$25 \div 5 = \underline{\quad}$

$6 \times 5 = \underline{\quad}$

$30 \div 5 = \underline{\quad}$

$7 \times 5 = \underline{\quad}$

$35 \div 5 = \underline{\quad}$

2. Write two division facts for each multiplication fact:

(i) $2 \times 5 = 10$

(ii) $6 \times 5 = 30$

(iii) $10 \times 5 = 50$

(iv) $4 \times 5 = 20$

(v) $11 \times 5 = 55$

3. Write two multiplication facts for each division fact:




(i) $35 \div 5 = 7$

(ii) $40 \div 5 = 8$

(iii) $15 \div 5 = 3$

(iv) $45 \div 5 = 9$

(v) $60 \div 5 = 12$

						
$9 \times 5 = 45$	$5 \times 9 = 45$					
$45 \div 5 = 9$	$45 \div 9 = 5$					

Fantastic, now play this game and try to beat your score.

<http://www.snappymaths.com/multdiv/5xtable/interactive/newlook/5xtableintd.htm>

