Multiplication and division facts for the 10-times table

Prior learning

• Can solve one-step problems involving multiplication and division by using concrete objects, pictorial representations and arrays.

Learn

- Look at the charts for the 10-times table and for dividing by 10 on page 30 of the textbook. Spend time discussing what numbers look like if they're answers in the 10-times table. Use number lines, 100-squares and multiplication tables to look at the relationship between multiplication and addition, modelling written conventions for each.
- Although the links to 100 Maths Lessons Year 2 focus on more than one times table each time, they contain a wide range of lesson ideas and resources that can be adapted to focus on the 10-times table only if desired.

Talk maths

 Use the textbook as the basis for a discussion about related facts. Choose a fact from the 10-times table as a starting point each time. It is important for children to realise that if they know one fact, then they can easily derive three others.

Activities

• The questions can easily be Year 2 Practice Book provide various resources for further practice.

Multiplication and division facts for the 10-times table

Learn



Remember the word **multiple**. It means the answer when you multiply.

So, in the 10-times table the multiples are: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120.

10-times table Dividing by 10

$1 \times 10 = 10$	$10 \div 10 = 1$	
$2 \times 10 = 20$	$20 \div 10 = 2$	
$3 \times 10 = 30$	$30 \div 10 = 3$	
$4 \times 10 = 40$	$40 \div 10 = 4$	
$5 \times 10 = 50$	$50 \div 10 = 5$	
$6 \times 10 = 60$	$60 \div 10 = 6$	
$7 \times 10 = 70$	$70 \div 10 = 7$	
8 × 10 = 80	80 ÷ 10 = 8	
$9 \times 10 = 90$	90 ÷ 10 = 9	
$10 \times 10 = 100$	$100 \div 10 = 10$	
$11 \times 10 = 110$	$110 \div 10 = 11$	
$12 \times 10 = 120$	$120 \div 10 = 12$	



the 10-times table?



is a 0 will it be in the 10-times table. So the answer is 90 and 40.

It is important to learn your tables so that you can remember these multiplication facts easily.



Say each number sentence.

 $10 \times 5 = 50.$

9 × 10 = 90	10 × ? = 90
90 ÷ ? = 9	90 ÷ ? = 10



Curriculum objectives

To recall and use multiplication

and division facts for the 2.5

and 10 multiplication tables,

To calculate mathematical

and division within the

statements for multiplication

multiplication tables and write

them using the multiplication

(×), division (\div) and equals (=)

Success criteria

multiplication and division facts

I can recall, write and use

for the 10-times tables.

even numbers.

signs.

including recognising odd and

extended to cover the rest of the 10-times table. The links to 100 Maths Lessons Year 2 and the

Problems

• Encourage the children to create their own problems focused on the 10-times table. Ensure that they are able to use multiplication or division with confidence.

100 Maths Lessons Year 2 links:

- Spring 2, Week 3 (pages 143-148): use 10-times table facts to solve problems
- Summer 1, Week 3 (pages 184–189): use times table facts to solve problems involving multiplication and division
- Oral and mental starter 25 (page 85): recalling times tables facts
- Oral and mental starter 35 (page 127): practising times tables facts
- Oral and mental starter 58 (page 249): practising times tables facts

Year 2 Practice Book links:

(pages 58–59): Using + and – to multiply and divide by 10