

**Curriculum objectives**

- To recall multiplication facts for multiplication tables up to  $12 \times 12$ .

**You will need****1. Check****Oral and mental starter**

- 40 7-times table revision

**2. Assess**

'Multiple questions';  
multiplication squares

**3. Further practice****Oral and mental starters**

- 8 Function machine
- 11 Magic square (1)
- 20 Bingo

**Photocopiable sheets**

'Multiples grid game';  
'Missing numbers';  
Multiplication grid

**General resources**

Interactive activity  
'Colour by numbers'

**Curriculum objectives**

- To solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.

**You will need****1. Check****Oral and mental starter**

- 36 Time for conversion

**2. Assess****Photocopiable sheets**

'Converting time'

**3. Further practice****Oral and mental starters**

- 33 What's the time, Mr Wolf?

**Photocopiable sheets**

'Multiples of numbers to 10';  
'Present problems'

## 7-times table facts

Most children should be able to recall the multiplication facts for the 7-times table.

Some children will not have made such progress and will require further practice in learning the multiples and then recalling the multiplication facts.

### 1. Check

- 40 7-times table revision

Encourage the children to recall the facts quickly by keeping the pace sharp. Observe which children are confident and which need further practice.

Extend to division facts for multiples of 7 for the more confident children.

Ask questions such as:

- *What are eight sevens?*
- *Which multiple of 7 is 84?*
- *What is the product of 7 and 4?*

### 2. Assess

Provide photocopiable page 47 'Multiple questions' with 7 written into the blank space at the top. Observe the children at work, and note those who work quickly and accurately. Give children lacking confidence a multiplication square to refer to. For the more confident, when they have finished the activity ask them to write a word problem which uses multiplying by 7. They can then swap word problems with their partner to find the solution. Record the outcomes.

### 3. Further practice

The recommended oral and mental starter activities, photocopiable sheets and interactive activity provide further practice in recall of multiplication facts for the 7-times table and other multiplication facts.

## Time conversions

Most children should be able to convert from hours to minutes, minutes to seconds, years to months and weeks to days, multiplying by 60, 60, 12 or 7 respectively.

Some children will be less confident in multiplying by 60, 12 and 7 or may not know the relationships between the units of time.

### 1. Check

- 36 Time for conversion

Observe which children know the relationships between units of time and who can easily multiply to convert from the larger unit to the smaller one. Ask children to explain the link between multiplying by 6 and 10 when multiplying by 60.

- *How many minutes in four hours? How can you find out?*
- *Tell me how many days in a week? Minutes in an hour? Months in a year?*

### 2. Assess

Provide photocopiable page 170 'Converting time'. Observe the children at work, and note those who work quickly and accurately. Children lacking confidence could be given the list of relationships as shown in the oral and mental starter. For the more confident, when they have finished the activity ask them to write other equivalent pairs of units of time. Record the outcomes.

### 3. Further practice

The recommended oral and mental starter and photocopiable activities provide further practice in converting between units of time, including solving time-related problems.