

**Set: Wednesday 31st January Due in: Monday 5th February**

**This week we have been revisiting multiplication and division and deciding on the most efficient method to solve problems.**

To support our learning this week, we would like the children to complete the activities overleaf.

The explanation for the activities can be found in the revision books pages 16, 17 and 18.

Our rock star times tables focus for next week will continue to be the 6, 7 and 9 times tables.

Parent feedback

# Multiples and factors

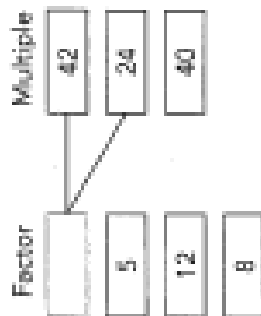
To achieve 100 you need to:

- recognise and use multiples and factors.

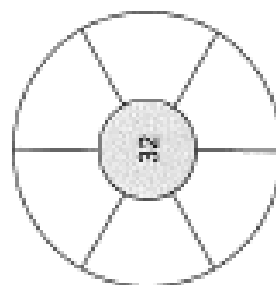
- 1 Circle all the multiples of 11 listed below.
- 77   220   144   177   1,100   111

- 2 Sophie is thinking of an odd number. It is a factor of 24 and a factor of 15. What is the number?

- 3 Draw lines to match the multiples with their factors. One of the factors is missing. It is not the factor 1. Write a possible missing factor in the box.



- 4 Complete the wheel for the number 32 by writing all the factors of 32 in the spaces on the wheel.



(1 mark)

(2 marks)

(2 marks)

(1 mark)

(5 marks for this page)

# Multiplying by larger numbers

To achieve 100 you need to:

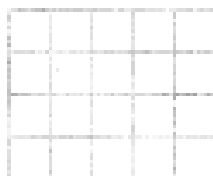
- draw upon multiplication facts up to 12 x 12 and place value to multiply numbers with up to four digits by a single number using short multiplication
- multiply numbers with up to two digits by a two-digit number using the formal long multiplication method and become more confident with larger numbers.

1  $3,609 \times 7 =$

2

	3	8	5
x	1	3	

- 3 Stickers come in boxes of 525. A shop orders 17 boxes. How many stickers are there altogether in 17 boxes?



4  $3,247$

This bar is divided into equal parts.

Jake writes  x  =

to help him find the total value of the bar.

Complete Jake's calculation.



- 5 After a car boot sale, 16 charities are given an equal share of the money raised. Each charity receives £942. How much money was raised by the car boot sale in total?

**Top tip**

Always show your method because you could gain a mark even if your answer is incorrect.

(1 mark)

(2 marks)

(1 mark)

(2 marks)

(1 mark)

(1 mark for this page)