

Key Instant Recall Facts

Year 4 – Spring 1

**I can count in 9s and 11s.**

**I know the multiplication and division facts for the 9 and 11 times tables.**

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Count in** | 0 x 9 = 0  1 x 9 = 9  2 x 9 = 18  3 x 9 = 27  4 x 9 = 36  5 x 9 = 45  6 x 9 = 54  7 x 9 = 63  8 x 9 = 72  9 x 9 = 81  10 x 9 = 90  11 x 9 = 99  12 x 9 = 108 | 9 ÷ 9 = 1  18 ÷ 9 = 2  27 ÷ 9 = 3  36 ÷ 9 = 4  45 ÷ 9 = 5  54 ÷ 9 = 6  63 ÷ 9 = 7  72 ÷ 9 = 8  81 ÷ 9 = 9  90 ÷ 9 = 10  99 ÷ 9 = 11  108 ÷ 9 = 12 | **Count in** | 0 x 11 = 0  1 x 11 = 11  2 x 11 = 22  3 x 11 = 33  4 x 11 = 44  5 x 11 = 55  6 x 11 = 66  7 x 11 = 77  8 x 11 = 88  9 x 11 = 99  10 x 11 = 110  11 x 11 = 121  12 x 11 = 132 | 11 ÷ 11 = 1  22 ÷ 11 = 2  33 ÷ 11 = 3  44 ÷ 11 = 4  55 ÷ 11 = 5  66 ÷ 11 = 6  77 ÷ 11 = 7  88 ÷ 11 = 8  99 ÷ 11 = 9  110÷ 11 =10  121 ÷ 11 = 11  132 ÷ 11 = 12 |
| **9s** | **11s** |
| **0** | **0** |
| **9** | **11** |
| **18** | **22** |
| **27** | **33** |
| **36** | **44** |
| **45** | **55** |
| **54** | **66** |
| **63** | **77** |
| **72** | **88** |
| **81** | **99** |
| **90** | **110** |
| **99** | **121** |
| **108** | **132** |
| **Key vocabulary**  What is 4 **times** 9? What is 8 **multiplied by** 11? What is 77 **divided by** 11? What is 45 **shared between** 9? What is 132 **divided into groups of** 11? | | | | | |

They should be able to answer these questions in any order, including missing number questions, e.g. 9

× ⃝ = 108 or ⃝ ÷ 11 = 7.

Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You don’t need to practise them all at once: perhaps you could have a fact of the day.

Buy one get three free – If your child knows one fact (e.g. 12 × 9 = 108), can they tell you the other three facts in the same fact family? If you know 7 x 9 = 63, then what will 70 x 9 be?

Times Table Rockstars – Children all have their username and password to practice in the “Garage” and the “Arena”. They could try playing in the “Studio” and also do the Soundcheck.

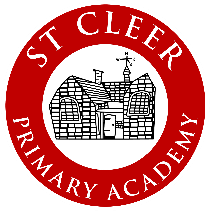
Look for patterns – These times tables are full of patterns for your child to find. How many can they spot?

Use your ten times table – Multiply a number by 10 and subtract the original number

(e.g. 7 ×10 –7 = 70 –7 = 63). What do you notice? What happens if you add your original number instead?

<http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html>See how many questions you can answer in 90seconds.

<https://www.topmarks.co.uk/maths-games/daily10>and <https://www.topmarks.co.uk/maths-games/hit-the-button>



Key Instant Recall Facts

Year 4 – Spring 2

**I can count in 7s and 12s.**

**I know the multiplication and division facts for the 7 and 12 times tables.**

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Count in** | 0 x 7 = 0  1 x 7 = 7  2 x 7 = 14  3 x 7 = 21  4 x 7 = 28  5 x 7 = 35  6 x 7 = 42  7 x 7 = 49  8 x 7 = 56  9 x 7 = 63  10 x 7 = 70  11 x 7 = 77  12 x 7 = 84 | 7 ÷ 7 = 1  15 ÷ 7 = 2  21 ÷ 7 = 3  28 ÷ 7 = 4  35 ÷ 7 = 5  42 ÷ 7 = 6  49 ÷ 7 = 7  56 ÷ 7 = 8  63 ÷ 7 = 9  70 ÷ 7 = 10  77 ÷ 7 = 11  84 ÷ 7 = 12 | **Count in** | 0 x 12 = 0  1 x 12 = 12  2 x 12 = 24  3 x 12 = 36  4 x 12 = 48  5 x 12 = 60  6 x 12 = 72  7 x 12 = 84  8 x 12 = 96  9 x 12 = 108  10 x 12 = 120  11 x 12 = 132  12 x 12 = 144 | 12 ÷ 12 = 1  24 ÷ 12 = 2  36 ÷ 12 = 3  48 ÷ 12 = 4  60 ÷ 12 = 5  72 ÷ 12 = 6  84 ÷ 12 = 7  96 ÷ 12 = 8  108 ÷ 12 = 9  120÷ 12 =10  132 ÷ 12 = 11  144 ÷ 12 = 12 |
| **7s** | **12s** |
| **0** | **0** |
| **7** | **12** |
| **14** | **24** |
| **21** | **36** |
| **28** | **48** |
| **35** | **60** |
| **42** | **72** |
| **49** | **84** |
| **56** | **96** |
| **63** | **108** |
| **70** | **120** |
| **77** | **132** |
| **84** | **144** |
| **Key vocabulary**  What is 4 **times** 7? What is 8 **multiplied by** 12? What is 72 **divided by** 6? What is 63 **shared between** 7? What is 132 **divided into groups of** 12? | | | | | |

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