

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 = 01 x 9 = 92 x 9 = 183 x 9 = 274 x 9 = 365 x 9 = 456 x 9 = 547 x 9 = 638 x 9 = 729 x 9 = 8110 x 9 = 9011 x 9 = 9912 x 9 = 108 | 9 ÷ 9 = 118 ÷ 9 = 227 ÷ 9 = 336 ÷ 9 = 445 ÷ 9 = 554 ÷ 9 = 663 ÷ 9 = 772 ÷ 9 = 881 ÷ 9 = 990 ÷ 9 = 1099 ÷ 9 = 11108 ÷ 9 = 12 | **Count in** | 0 x 11 = 01 x 11 = 112 x 11 = 223 x 11 = 334 x 11 = 445 x 11 = 556 x 11 = 667 x 11 = 778 x 11 = 889 x 11 = 9910 x 11 = 11011 x 11 = 12112 x 11 = 132 | 11 ÷ 11 = 122 ÷ 11 = 233 ÷ 11 = 344 ÷ 11 = 455 ÷ 11 = 566 ÷ 11 = 677 ÷ 11 = 788 ÷ 11 = 899 ÷ 11 = 9110÷ 11 =10121 ÷ 11 = 11132 ÷ 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 = 01 x 7 = 72 x 7 = 143 x 7 = 214 x 7 = 285 x 7 = 356 x 7 = 427 x 7 = 498 x 7 = 569 x 7 = 6310 x 7 = 7011 x 7 = 7712 x 7 = 84 | 7 ÷ 7 = 115 ÷ 7 = 221 ÷ 7 = 328 ÷ 7 = 435 ÷ 7 = 542 ÷ 7 = 649 ÷ 7 = 756 ÷ 7 = 863 ÷ 7 = 970 ÷ 7 = 1077 ÷ 7 = 1184 ÷ 7 = 12 | **Count in** | 0 x 12 = 01 x 12 = 122 x 12 = 243 x 12 = 364 x 12 = 485 x 12 = 606 x 12 = 727 x 12 = 848 x 12 = 969 x 12 = 10810 x 12 = 12011 x 12 = 13212 x 12 = 144 | 12 ÷ 12 = 124 ÷ 12 = 236 ÷ 12 = 348 ÷ 12 = 460 ÷ 12 = 572 ÷ 12 = 684 ÷ 12 = 796 ÷ 12 = 8108 ÷ 12 = 9120÷ 12 =10132 ÷ 12 = 11144 ÷ 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? |

Top Tips

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