



Key Instant Recall Facts

Year 6 Autumn ii

To identify prime numbers up to 100

by the end of this term, children should be able to work out which numbers up to 100 are prime numbers by applying tests of divisibility.

Key Facts	Key Vocabulary
A prime number is a number with no factors other than itself and one. The following numbers are the prime numbers up to 100: 2,3,5,7,11,13,17,19,23,29,31,37,41,43,47,53,59,61,67,71,73,79,83,89,97 A composite number is divisible by a number other than 1 or itself. The following numbers are the composite numbers up to 50: 4,6,8,9,10,12,14,16,18,20,22,24,25,26,27,28,30,32,34,36,38,39,40,42,44,46,48,48,50	prime number composite number factor multiple

Top Tips

- *The key to success is practising little and often.
- *Can you practise these KIRFs while walking to school or on a car journey? Maybe choose a few each day.
- *It's really important to use mathematical vocabulary accurately. Choose a number between 2 and 20. How many correct statements can you make about the number using the vocabulary above?
- *Children should be able to explain why a number is composite, eg 15 is composite because it is a multiple of 3 and 5.

