



10 a day  
is the way

# Key Instant Recall Facts

## Year 3 Spring i

To know the multiplication and division facts for the 8 times table

| Key Facts |         |         |         | Key Vocabulary                                                                                                                                                        |
|-----------|---------|---------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8x1=8     | 1x8=8   | 8÷8=1   | 8÷1=8   | What is 8 <b>multiplied by</b> 9?<br>What is 8 <b>times</b> 8?<br>What is 32 <b>divided by</b> 8?<br>What is the <b>product</b> of 5 and 8?<br>What is 8 groups of 7? |
| 8x2=16    | 2x8=16  | 16÷8=2  | 16÷2=8  |                                                                                                                                                                       |
| 8x3=24    | 3x8=24  | 24÷8=3  | 24÷3=8  |                                                                                                                                                                       |
| 8x4=32    | 4x8=32  | 32÷8=4  | 32÷4=8  |                                                                                                                                                                       |
| 8x5=40    | 5x8=40  | 40÷8=5  | 40÷5=8  |                                                                                                                                                                       |
| 8x6=48    | 6x8=48  | 48÷8=6  | 48÷6=8  | <u>Example of a Fact Family</u><br>3x8=24    8x3=24<br>24÷3=8    24÷8=3                                                                                               |
| 8x7=56    | 7x8=56  | 56÷8=7  | 56÷7=8  |                                                                                                                                                                       |
| 8x8=64    | 8x8=64  | 64÷8=8  | 64÷8=8  |                                                                                                                                                                       |
| 8x9=72    | 9x8=72  | 72÷8=9  | 72÷9=8  |                                                                                                                                                                       |
| 8x10=80   | 10x8=80 | 80÷8=10 | 80÷10=8 |                                                                                                                                                                       |
| 8x11=88   | 11x8=88 | 88÷8=11 | 88÷11=8 |                                                                                                                                                                       |
| 8x12=96   | 12x8=96 | 96÷8=12 | 96÷12=8 |                                                                                                                                                                       |

They should be able to answer these questions in any order, including missing number questions eg  $8 \times \_ = 40$  or  $\_ \div 8 = 11$

### 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?
- \*Use what you already know – think about your 2, 3, 4, 5, 10 times tables
- \*Double your fours – multiplying a number by 8 is the same as multiplying by 4 and then doubling the answer.  $8 \times 4 = 32$ , double 32 is 64, so  $8 \times 8 = 64$
- \*Five six seven eight – fifty six is seven times eight ( $56 = 7 \times 8$ )

