

# Key Instant Recall Facts

This half term your child is working towards achieving knowledge of KIRFs, indicated below.  
The ultimate aim is for your child to be able to recall these facts **instantly!**

<p>This half term's KIRF is....</p> <p><i>I can find factor pairs of a number.</i></p>	<p>Children should now know all multiplication and division facts up to <math>12 \times 12</math>.</p>	<p>When given a number in one of these times tables, they should be able to state a factor pair which can be multiplied to make this number. Here are some examples....</p>	<p><math>24 = 4 \times 6</math>  <math>24 = 8 \times 3</math>  <math>56 = 7 \times 8</math>  <math>54 = 9 \times 6</math>  <math>48 = 6 \times 8</math>  <math>48 = 12 \times 4</math>  <math>40 = 10 \times 4</math>  <math>40 = 5 \times 8</math></p>	<p><math>42 = 6 \times 7</math>  <math>25 = 5 \times 5</math>  <math>84 = 7 \times 12</math>  <math>15 = 5 \times 3</math>  <math>72 = 8 \times 9</math>  <math>64 = 8 \times 8</math>  <math>35 = 5 \times 7</math>  <math>55 = 11 \times 5</math></p>
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### Key Vocabulary

Can you find a factor of 28?

Find two numbers whose product is 20.

I know that 6 is a factor of 72 because 6 multiplied by 12 equals 72.

### 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?

Play games - There is an activity at [www.conkermaths.org](http://www.conkermaths.org) to practise finding factor pairs  
Think of the question – One player thinks of a times table question (e.g.  $4 \times 12$ ) and states the answer. The other player has to guess the original question.  
Use memory tricks – For those hard-to-remember facts, [www.multiplication.com](http://www.multiplication.com) has some strange picture stories to help children remember.