

## Key Instant Recall Facts Year 6 – Autumn 1

I can derive multiplication and division facts using decimal numbers.

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

Use  $2 \times 6 = 12$  to work out  $0.2 \times 6 = 1.2$

Using  $7 \times 6 = 42$  to work out  $7 \times 0.6 = 4.2$

Using  $6 \times 7 = 42$  to work out  $6 \times 0.7 = 4.2$

Using  $5 \times 3 = 15$  to work out  $0.5 \times 3 = 1.5$

### Vocabulary

If I know \_\_\_\_  $\times$  \_\_\_\_ = \_\_\_\_ then I  
know \_\_\_\_  $\times$  \_\_\_\_ = \_\_\_\_.

This is because \_\_\_\_ is \_\_\_\_ times  
smaller than \_\_\_\_

This list includes some examples of facts that children should know. They should be able to confidently use any times tables up to  $12 \times 12$  to work out the decimal calculation.

### 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 do not need to practise them all at once; perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

### Practical resources

Swap the decimal and the whole number round. Do they recognise that they can use their cumulative knowledge of multiplication facts to help them answer this?

### Online resources

If your child still isn't confident with their times tables, they should continue to work on their fluency with these using TTR.

<https://ttrockstars.com/> (See your child's class teacher if you need a reminder of log in details.)