



# Key Instant Recall Facts

## Year 6—Spring 1

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

Your child's KIRF this half term is: solve 1-step algebraic equations

E.g.

Solve the equations.

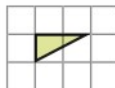
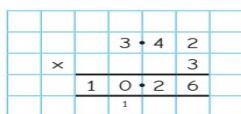
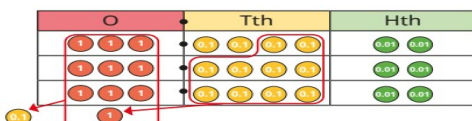
$$3x = 21$$

$$y + 5 = 11$$

$$z - 6 = 8$$

$$p \div 3 = 10$$

In addition you can help by practicing the following:

Scale Factors	On squared paper, enlarge the triangle by a scale factor of 3 																								
Substitution	If $a = 5$ and $b = 12$ , work out the values of the expressions. <div><math>a + b</math></div> <div><math>b - a</math></div> <div><math>2b - a</math></div> <div><math>a + 3b</math></div> <div><math>b \div 2</math></div> <div><math>20 \div a</math></div>																								
Multiply & Divide by 10, 100 and 1,000	Complete the table. <table><tr><td></td><td>30</td><td>3 kg</td><td></td><td></td><td></td></tr><tr><td><math>\div 10</math></td><td></td><td></td><td>0.9</td><td></td><td></td></tr><tr><td><math>\div 100</math></td><td></td><td></td><td></td><td></td><td>0.09</td></tr><tr><td><math>\div 1,000</math></td><td></td><td></td><td></td><td>9</td><td></td></tr></table>		30	3 kg				$\div 10$			0.9			$\div 100$					0.09	$\div 1,000$				9	
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Multiply & Divide decimals by integers	<ul style="list-style-type: none"><li>Dexter uses place value counters to work out <math>3.42 \times 3</math></li></ul> <div></div> <p>Use Dexter's method to work out the multiplications.</p> <div><math>2.31 \times 4</math></div> <div><math>3.75 \times 3</math></div> <div><math>0.55 \times 2</math></div> <div><math>1.08 \times 3</math></div>																								

### Top Tips

The secret to success is practicing little and often. Use time wisely. Can you practice these KIRFs while walking to school or during a car journey? You do not need to practice 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.



# Calculations

## Year 6—Spring 1

In year 6 this half term, the children will learn multiplication using the following methods.

Skill: Multiply 4-digit numbers by 2-digit numbers	Year: 5/6																																																							
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