



# Key Instant Recall Facts

## Challenge 6.3

Before moving on to the next challenge, 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.				
Multiply & Divide by 10, 100 and 1,000	Complete the table.				
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> <p>Use Dexter's method to work out the multiplications.</p> <table border="1"> <tbody> <tr> <td><math>2.31 \times 4</math></td> <td><math>3.75 \times 3</math></td> <td><math>0.55 \times 2</math></td> <td><math>1.08 \times 3</math></td> </tr> </tbody> </table>	$2.31 \times 4$	$3.75 \times 3$	$0.55 \times 2$	$1.08 \times 3$
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### 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

### Challenge 6.3

Children will learn multiplication using the following methods.

**Skill: Multiply 4-digit numbers by 2-digit numbers**

**Year: 5/6**

TTh	Th	H	T	0
	2	7	3	9
$\times$			2	8
2	1	9	1	2
2	5	3	7	
5	4	7	8	0
1		1		
7	6	6	9	2

1

$$2,739 \times 28 = 76,692$$

When multiplying 4-digits by 2-digits, children should be confident in using the formal written method.

If they are still struggling with times tables, provide multiplication grids to support when they are focusing on the use of the method.

Consider where exchanged digits are placed and make sure this is consistent.