



Year 5 Spring 1 KIRFs

Key Instant Recall Facts (KIRFs) are designed to support the development of the mental skills that underpin much of the maths work in school. Instant recall facts help enormously with mental agility within maths lessons.

Your child's KIRF this term is: Use knowledge of times tables and place value to multiply whole numbers and tenths

$$3 \times 4 = 12 \quad \text{so} \quad 0.3 \times 4 = 1.2$$

























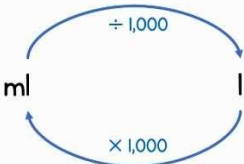
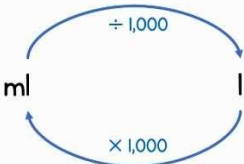
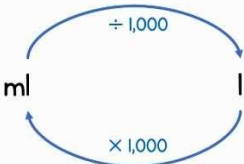
$$5 \times 6 = 30 \quad \text{so} \quad 5 \times 0.6 = 3.0$$

$$7 \times 8 = 56 \quad \text{so} \quad 0.7 \times 8 = 5.6$$

$$12 \times 12 = 144 \quad \text{so} \quad 12 \times 1.2 = 14.4$$

x	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

In addition you can help by practising the following:

Value of each digit in 5 digit numbers to 1 decimal place	1674.6	1000 + 600 + 70 + 4 + 0.6																			
Rounding	1674.6	Nearest thousand Nearest hundred Nearest ten Nearest whole number	2000 1700 1670 1675																		
Bonds to 1 to 2 decimal places	0.64 + 0.36 = 1 0.45 + 0.55 = 1																				
Regular and irregular polygons	<table><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>																				
																					
																					
Add and subtract two 4-digit numbers	<table><tr><td></td><td>3</td><td>5</td><td>4</td><td>7</td><td></td></tr><tr><td>+</td><td>4</td><td>9</td><td>0</td><td>4</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>		3	5	4	7		+	4	9	0	4								3547 + 4904	
	3	5	4	7																	
+	4	9	0	4																	
Doubles and halves of all multiples of 10 to 1000	Double 620 is 1,240 Half of 940 is 470																				
Prime numbers up to 19	2, 3, 5, 7, 11, 13, 17, 19																				
Convert ml to l and inverse	<table><tr><td></td><td colspan="2">1l = 1000ml 1.25l = 1250ml</td></tr></table>				1l = 1000ml 1.25l = 1250ml																
	1l = 1000ml 1.25l = 1250ml																				

$$1\text{l} = 1000\text{ml}$$

$$1.25\text{l} = 1250\text{ml}$$