Year 6 Spring 2 KIRFs
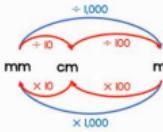
Key Instant Recall Facts (KIRFs) are designed to support the development of the mental skills that underpin much of the maths work in school. Instant recall facts help enormously with mental agility within maths lessons.

Your child's KIRF this term is:
Prime numbers up to 100

2, 3, 5, 7, 11,
13, 17, 19, 23, 29,
31, 37, 41, 43, 47,
53, 59, 61, 67, 71,
73, 79, 83, 89, 97

In addition, you can help your child by practicing the following:

Value of each digit in 6-digit numbers 3 decimal places	674.617	600 + 70 + 4 + 0.6 + 0.01 + 0.007	
Rounding	674.617	Nearest thousand	1000
		Nearest hundred	700
		Nearest ten	670
		Nearest whole number	675
		Nearest tenth	674.6
		Nearest hundredth	674.62
Bonds to 100 to 2 decimal places	12.37 + 87.63 = 100 39.05 + 60.95 = 100		
Parts of a circle	Radius Diameter Circumference		
Add and subtract two 5-digit numbers diff decimal places	$\begin{array}{ccccccc} & & 2 & 3 & . & 5 & 4 & 7 \\ + & 5 & 4 & 9 & . & 0 & 4 & \\ \hline & & & & . & & & \end{array}$	23.547 + 549.04	
Doubles and halves multiples of 100 to 100,000	Double 6,500 is 13,000 Half of 25,000 is 12,500		
Convert between mm cm, m, and km		0.01m = 1cm = 10mm 1m = 100cm = 1000mm 1km = 1000m = 100,000cm 1.275m = 127.5cm = 1275mm	
Tests of divisibility 4, 6 and 8	Divisible by **4** if the last 2 digits are divisible by 4 Divisible by **6** if the sum of the digits is 3, 6 or 9 and the number's last digit is 0, 2, 4, 6 or 8 Divisible by **8** if the last 3 digits are divisible by 8		
	3192	92 is divisible by 4 so 3192 is divisible by 4 Digital sum is 6 and last digit is 2 so 3192 is divisible by 6 192 is divisible by 8 so 3192 is divisible by 8	