

Year Group	Key Pre-Skill	Method – Multiplication			
1					
2	Count in 2,5 and 10s;	Level 2			
		a) 4×5 4 lots of 5g $R \times C$			
3	2,5 and 10 times tables by start of year; column addition; use known facts to recognise other facts	Level 2		Level 3	
		a) 7×4 7 lots of 4		b) 23×4 $\begin{array}{r} \text{T U} \\ \times 20 \quad 3 \quad 8 \quad 0 \\ 4 \quad 80 \quad 12 \quad + \quad 1 \quad 2 \\ \hline 9 \quad 2 \end{array}$	
		Working with 2, 5, 10 x tables			
4	2,3,4,5,6,10 times tables by start of year; add four numbers; recognise place value; estimation	Level 3			
		a) 56×7 $\begin{array}{r} \text{H T U} \\ \times 50 \quad 6 \quad 3 \quad 5 \quad 0 \\ 7 \quad 350 \quad 42 \quad + \quad 4 \quad 2 \\ \hline 3 \quad 9 \quad 2 \end{array}$		b) 342×7 $\begin{array}{r} \text{Th H T U} \\ \times 300 \quad 40 \quad 2 \quad 2 \quad 1 \quad 0 \quad 0 \\ 7 \quad 2100 \quad 280 \quad 14 \quad + \quad 2 \quad 8 \quad 0 \\ \hline 1 \quad 4 \\ 2 \quad 3 \quad 9 \quad 4 \end{array}$	
		c) 56×24 $\begin{array}{r} \text{Th H T U} \\ \times 50 \quad 6 \quad 1 \quad 0 \quad 0 \quad 0 \\ 20 \quad 1000 \quad 120 \quad + \quad 2 \quad 0 \quad 0 \\ 4 \quad 200 \quad 24 \\ \hline 1 \quad 2 \quad 0 \\ 2 \quad 4 \\ 1 \quad 3 \quad 4 \quad 4 \end{array}$			
5	All times tables to 10; partition decimals	Level 4			
		a) 38 $\begin{array}{r} \times 7 \\ 56 \quad (8 \times 7) \\ + 210 \quad (30 \times 7) \\ \hline 266 \end{array}$		b) 56 $\begin{array}{r} \times 27 \\ 42 \quad (6 \times 7) \\ 350 \quad (50 \times 7) \\ + 120 \quad (6 \times 20) \\ 1000 \quad (50 \times 20) \\ \hline 1512 \end{array}$	
		c) 56 $\begin{array}{r} \times 27 \\ 392 \\ + 1120 \\ \hline 1512 \end{array}$		d) 36.2×8 $\begin{array}{r} \text{H T U } 1/10 \\ \times 30 \quad 6 \quad 0.2 \quad 2 \quad 4 \quad 0. \quad 0 \\ 8 \quad 240 \quad 48 \quad 1.6 \quad 4 \quad 8. \quad 0 \\ \hline 1. \quad 6 \\ 2 \quad 8 \quad 9. \quad 6 \end{array}$	
6	Place value decimals;	Level 4		Level 5	
		a) 372×24 $\begin{array}{r} 372 \\ \times 24 \\ 1488 \\ 7440 \\ \hline 8928 \end{array}$		b) 1.62×7 $\begin{array}{r} \text{H T U } 1/10 \quad 1/100 \\ \times 30 \quad 1 \quad 0.6 \quad 0.02 \\ 7 \quad 210 \quad 7 \quad 4.2 \quad 0.14 \\ \hline 11.34 \end{array}$	

Vocabulary

Lots of, times, multiply, grid method, standard method