

Autumn term
Spring term
Summer term

Year 4

Continue to practise retrieving facts in readiness for the MTC.

Apply known multiplication facts to solve problems where there is a missing factor and make connections to division equations.

Practise retrieving new facts and previously learnt facts. Two new facts are introduced each week.

$$\square \times 7 = 42$$

$$42 \div 7 = \square$$

GOING FOR GOLD

★ Focus fact

$$5 \times 9 = 45$$

$$9 \times 5 = 45$$

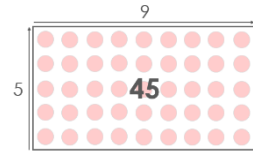
★ Focus fact

GOING FOR GOLD introduced.

Become familiar with the core multiplication facts (CMF) table and practise saying the smaller factor first regardless of the position of the factors.

2 × 2										
2 × 3	3 × 3									
3 × 2	3 × 4	4 × 4								
2 × 4	4 × 3	4 × 5	5 × 5							
4 × 2	3 × 5	5 × 4	5 × 6	6 × 6						
2 × 5	5 × 3	4 × 6	5 × 6	6 × 6	6 × 7	7 × 7				
5 × 2	5 × 3	5 × 4	5 × 5	6 × 6	6 × 7	7 × 6	7 × 7			
2 × 6	3 × 6	4 × 6	5 × 6	6 × 6	6 × 7	7 × 6	7 × 7			
6 × 2	6 × 3	6 × 4	6 × 5	6 × 6	6 × 7	7 × 6	7 × 7			
2 × 7	3 × 7	4 × 7	5 × 7	6 × 7	7 × 7	7 × 7	7 × 7			
7 × 2	7 × 3	7 × 4	7 × 5	7 × 6	7 × 7	7 × 7	7 × 7			
2 × 8	3 × 8	4 × 8	5 × 8	6 × 8	7 × 8	8 × 8	8 × 8			
8 × 2	8 × 3	8 × 4	8 × 5	8 × 6	8 × 7	8 × 8	8 × 8			
2 × 9	3 × 9	4 × 9	5 × 9	6 × 9	7 × 9	8 × 9	9 × 9			
9 × 2	9 × 3	9 × 4	9 × 5	9 × 6	9 × 7	9 × 8	9 × 9			

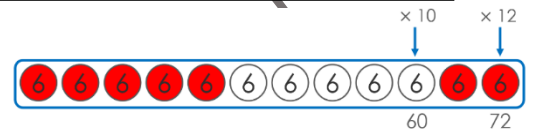
Use the sweeping hand gesture with an array.



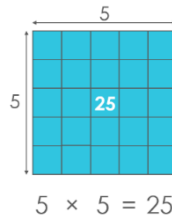
Use the distributive property to explore the ×9, ×11 and ×12 facts. Use the number line gesture.



3 3



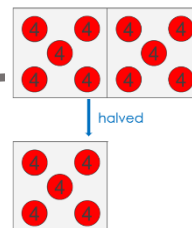
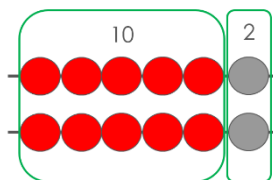
Represent 'many as 1' using a unitised counter and a 'stamping' gesture.



Explore 'square' facts. Use gesture to draw attention to the factors being the same.

Practise recalling products when one of the factors is 5 or 10.

Use the 'five and a bit' structure to double and connect this to recalling products when one of the factors is 2 or 4.



$$4 \times 10 = 40$$

$$4 \times 5 = \square$$

When one factor is halved, the product is halved.

$$6 \xrightarrow{\text{doubled}} 12 \xrightarrow{\text{doubled}} 24$$