Autumn term
Spring term
Summer term

Year 4

NCETM
NATIONAL CENTRE FOR EXCELLENCE IN THE TEACHING OF MATHEMATICS

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.

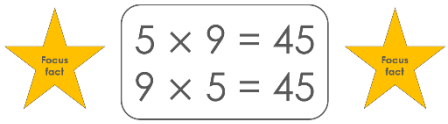
$\square \times 7 = 42$

$42 \div 7 = \square$

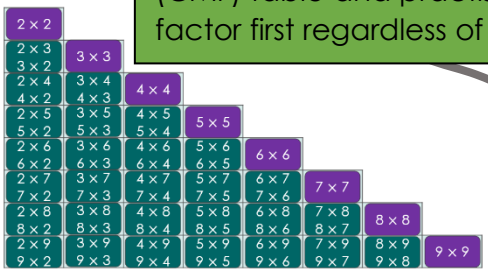
Practise retrieving new facts and previously learnt facts.
Two new facts are introduced each week.

GOING FOR GOLD

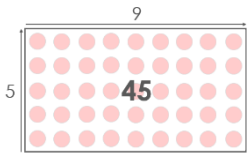
GOING FOR GOLD introduced.



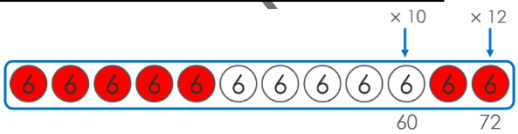
Become familiar with the core multiplication facts (CMF) table and practise saying the smaller factor first regardless of the position of the factors.

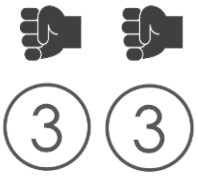


Use the sweeping hand gesture with an array.

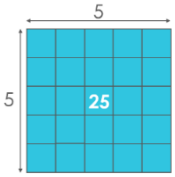


Use the distributive property to explore ×9, ×11 and ×12 facts. Use the number line gesture.





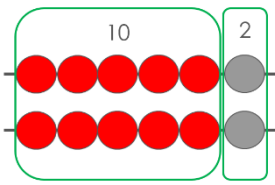
Represent 'many as 1' using a unitised counter and a 'stamping' gesture.



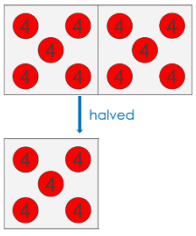
5 × 5 = 25

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.



$4 \times 10 = 40$ (halved)

$4 \times 5 = \square$ (halved)

Double 5 is ____ . Double ____ is ____ .
10 and ____ is ____ . Double ____ is ____ .

6 → doubled → 12 → doubled → 24

When one factor is halved, the product is halved.