



Let's Learn!

Shortcut Method for Multiplying 6, 7, 8 and 9

- 1** $6 \times 6 = ?$
Start with 5 groups of 6.
 $5 \times 6 = 30$

6×6 is 6 groups of 6.
It is '1 group of 6' more than ' 5×6 '.
 $6 \times 6 = 30 + 6$
 $= 36$

6×6 is the same
as adding 1 group
of 6 to 30.



- 2** $6 \times 7 = ?$
 6×7 is 6 groups of 7.
It is '1 group of 7' more than ' 5×7 '.
 $6 \times 7 = 35 + 7$
 $= 42$

Start with 5 groups of 7
 $5 \times 7 = 35$

- 3** $7 \times 9 = ?$
 7×9 is 7 groups of 9.
It is '2 groups of 9' more than ' 5×9 '.

$$7 \times 9 = 45 + \boxed{} + \boxed{}$$

$$= \boxed{}$$

Start with $\boxed{}$ groups of 9.
 $\boxed{} \times 9 = 45$



4

$$9 \times 7 = ?$$

Start with 10 groups of 7.

$$10 \times 7 = 70$$

$$9 \times 7 = 70 - 7$$

$$= 63$$

9×7 is the same as taking away 1 group of 7 from 70.



5

$$9 \times 9 = ?$$

9×9 is 9 groups of 9.

$$9 \times 9 = \boxed{} - \boxed{}$$

$$= \boxed{}$$

Start with $\boxed{}$ groups of 9.

$$\boxed{} \times 9 = 90$$

