

# Multiplication facts

## Times tables: 1s

**x1**

$$1 \times 1 = 1$$

$$2 \times 1 = 2$$

$$3 \times 1 = 3$$

$$4 \times 1 = 4$$

$$5 \times 1 = 5$$

$$6 \times 1 = 6$$

$$7 \times 1 = 7$$

$$8 \times 1 = 8$$

$$9 \times 1 = 9$$

$$10 \times 1 = 10$$

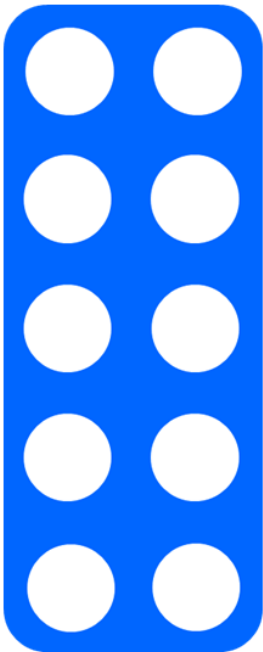
$$11 \times 1 = 11$$

$$12 \times 1 = 12$$

# Multiplication facts

Times tables: 10s

**x 10**



$1 \times 10 = 10$

$2 \times 10 = 20$

$3 \times 10 = 30$

$4 \times 10 = 40$

$5 \times 10 = 50$

$6 \times 10 = 60$

$7 \times 10 = 70$

$8 \times 10 = 80$

$9 \times 10 = 90$

$10 \times 10 = 100$

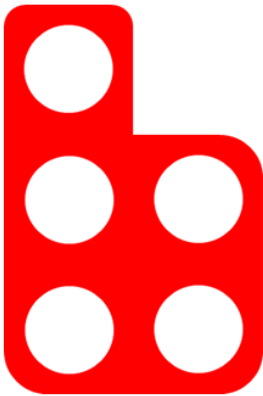
$11 \times 10 = 110$

$12 \times 10 = 120$

# Multiplication facts

## Times tables: 5s

**x 5**



$1 \times 5 = 5$

$2 \times 5 = 10$

$3 \times 5 = 15$

$4 \times 5 = 20$

$5 \times 5 = 25$

$6 \times 5 = 30$

$7 \times 5 = 35$

$8 \times 5 = 40$

$9 \times 5 = 45$

$10 \times 5 = 50$

$11 \times 5 = 55$

$12 \times 5 = 60$

# Multiplication facts

## Times tables: 2s

**x 2**

$1 \times 2 = 2$

$2 \times 2 = 4$

$3 \times 2 = 6$

$4 \times 2 = 8$

$5 \times 2 = 10$

$6 \times 2 = 12$

$7 \times 2 = 14$

$8 \times 2 = 16$

$9 \times 2 = 18$

$10 \times 2 = 20$

$11 \times 2 = 22$

$12 \times 2 = 24$

# Multiplication facts

## Times tables: 3s

**x 3**

$1 \times 3 = 3$

$2 \times 3 = 6$

$3 \times 3 = 9$

$4 \times 3 = 12$

$5 \times 3 = 15$

$6 \times 3 = 18$

$7 \times 3 = 21$

$8 \times 3 = 24$

$9 \times 3 = 27$

$10 \times 3 = 30$

$11 \times 3 = 33$

$12 \times 3 = 36$



# Multiplication facts

## Times tables: 4s

**x 4**

$1 \times 4 = 4$

$2 \times 4 = 8$

$3 \times 4 = 12$

$**4 \times 4 = 16**$

$5 \times 4 = 20$

$**6 \times 4 = 24**$

$**7 \times 4 = 28**$

$**8 \times 4 = 32**$

$**9 \times 4 = 36**$

$10 \times 4 = 40$

$**11 \times 4 = 44**$

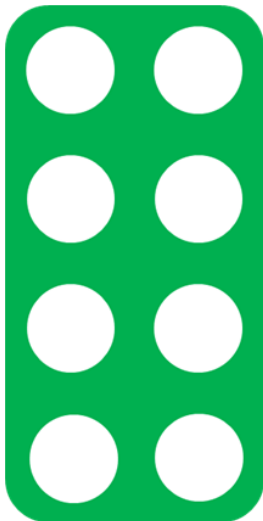
$**12 \times 4 = 48**$



# YEAR 3 Summer Term 1

## Times tables: 8s

**x 8**



$1 \times 8 = 8$

$2 \times 8 = 16$

$3 \times 8 = 24$

$4 \times 8 = 32$

$5 \times 8 = 40$

$**6 \times 8 = 48**$

$**7 \times 8 = 56**$

$**8 \times 8 = 64**$

$**9 \times 8 = 72**$

$10 \times 8 = 80$

$**11 \times 8 = 88**$

$**12 \times 8 = 96**$

# Multiplication facts

## Times tables: 3s revision

**x 3**



$1 \times 3 = 3$

$2 \times 3 = 6$

$3 \times 3 = 9$

$4 \times 3 = 12$

$5 \times 3 = 15$

$6 \times 3 = 18$

$7 \times 3 = 21$

$8 \times 3 = 24$

$9 \times 3 = 27$

$10 \times 3 = 30$

$11 \times 3 = 33$

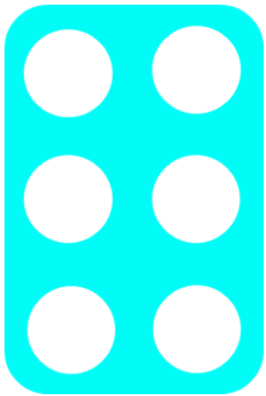
$12 \times 3 = 36$



# Multiplication facts

## Times tables: 6s

**x 6**



$1 \times 6 = 6$

$2 \times 6 = 12$

$3 \times 6 = 18$

$4 \times 6 = 24$

$5 \times 6 = 30$

$**6 \times 6 = 36**$

$**7 \times 6 = 42**$

$8 \times 6 = 48$

$**9 \times 6 = 54**$

$10 \times 6 = 60$

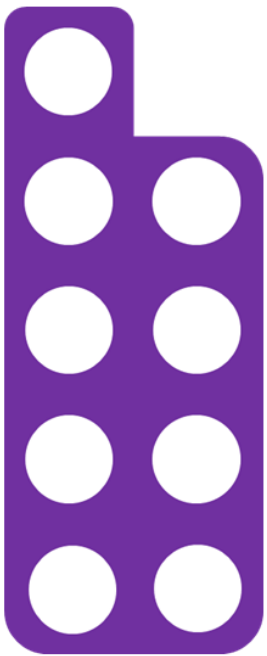
$**11 \times 6 = 66**$

$**12 \times 6 = 72**$

# Multiplication facts

## Times tables: 9s

**x 9**



$$1 \times 9 = 9$$

$$2 \times 9 = 18$$

$$3 \times 9 = 27$$

$$4 \times 9 = 36$$

$$5 \times 9 = 45$$

$$6 \times 9 = 54$$

$$**7 \times 9 = 63**$$

$$8 \times 9 = 72$$

$$**9 \times 9 = 81**$$

$$10 \times 9 = 90$$

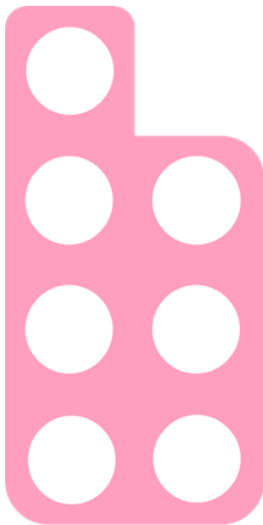
$$**11 \times 9 = 99**$$

$$**12 \times 9 = 108**$$

# Multiplication facts

## Times tables: 7s

**x 7**



$1 \times 7 = 7$

$2 \times 7 = 14$

$3 \times 7 = 21$

$4 \times 7 = 28$

$5 \times 7 = 35$

$6 \times 7 = 42$

$**7 \times 7 = 49**$

$8 \times 7 = 56$

$9 \times 7 = 63$

$10 \times 7 = 70$

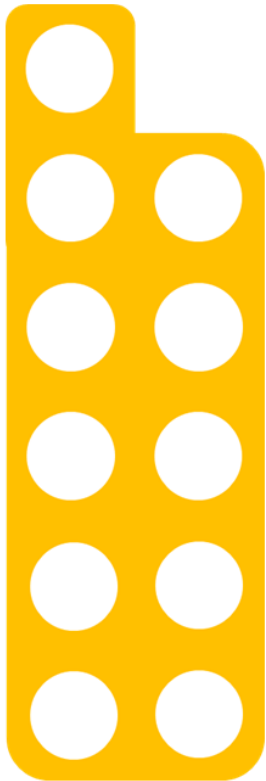
$**11 \times 7 = 77**$

$**12 \times 7 = 84**$

# Multiplication facts

## Times tables: 11s

**x 11**



$$1 \times 11 = 11$$

$$2 \times 11 = 22$$

$$3 \times 11 = 33$$

$$4 \times 11 = 44$$

$$5 \times 11 = 55$$

$$6 \times 11 = 66$$

$$7 \times 11 = 77$$

$$8 \times 11 = 88$$

$$9 \times 11 = 99$$

$$10 \times 11 = 110$$

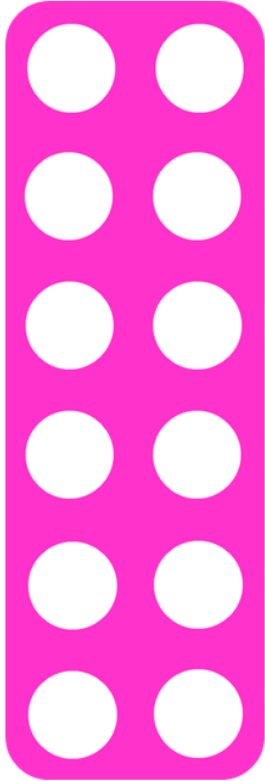
$$**11 \times 11 = 121**$$

$$**12 \times 11 = 132**$$

# Multiplication facts

## Times tables: 12s

**x 12**



$$1 \times 12 = 12$$

$$2 \times 12 = 24$$

$$3 \times 12 = 36$$

$$4 \times 12 = 48$$

$$5 \times 12 = 60$$

$$6 \times 12 = 72$$

$$7 \times 12 = 84$$

$$8 \times 12 = 96$$

$$9 \times 12 = 108$$

$$10 \times 12 = 120$$

$$11 \times 12 = 132$$

$$**12 \times 12 = 144**$$

# Multiplication facts

## Times tables: 0s

**x 0**

$$1 \times 0 = 0$$

$$2 \times 0 = 0$$

$$3 \times 0 = 0$$

$$4 \times 0 = 0$$

$$5 \times 0 = 0$$

$$6 \times 0 = 0$$

$$7 \times 0 = 0$$

$$8 \times 0 = 0$$

$$9 \times 0 = 0$$

$$10 \times 0 = 0$$

$$11 \times 0 = 0$$

$$12 \times 0 = 0$$

Once you have  
a **secure recall**  
**of all your**  
**number facts,**  
it's time to  
**build fluency**  
and use  
**known facts to**  
**derive related**  
**facts!**

# Building fluency:

- Focus on a set of facts and ensure that you can **recall them in any order** (not always starting at 1 x...)
- Remember the **commutative law** – multiplication can be done **in any order**:

If  $8 \times 4 = 32$ , then  $4 \times 8 = 32$



# Deriving related

## facts:

- Practise **deriving division facts** from multiplication facts:

$$\text{If } 8 \times 4 = 32, \text{ then } 32 \div 4 = 8$$

- **Use place value** to derive related multiplication facts:

$$\text{If } 8 \times 4 = 32, \text{ then } 80 \times 4 = 320$$

$$800 \times 4 = 3200$$

$$80 \times 40 = 3200$$