St Bernadette's RC Primary School

Calculation Methods

# Year 2
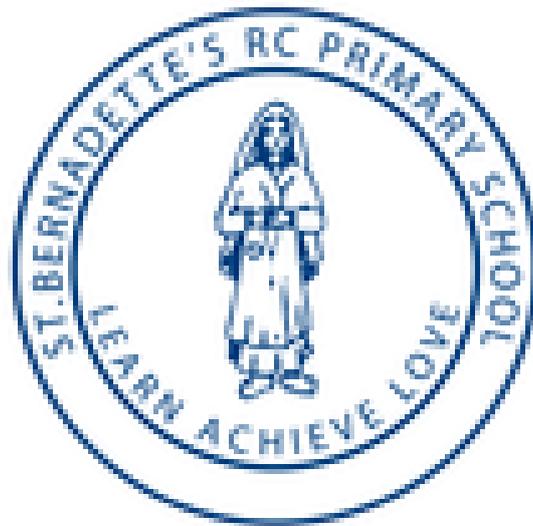
Addition

A3: Forwards Jump

$$43 + 24 = 67$$

$+20$ $+4$

$+10$ $+10$ $+1$ $+1$ $+1$ $+1$

43   53   63   64   65   66   67
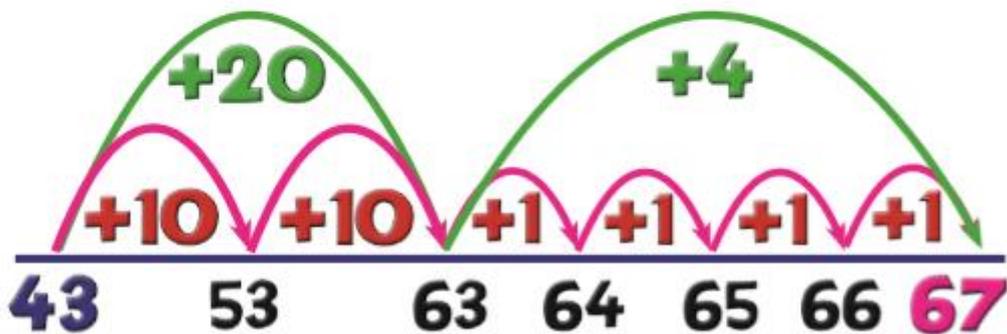
A3a: Forwards Jump

$$57 + 25 = 82$$

$+20$ $+5$

57   77   82
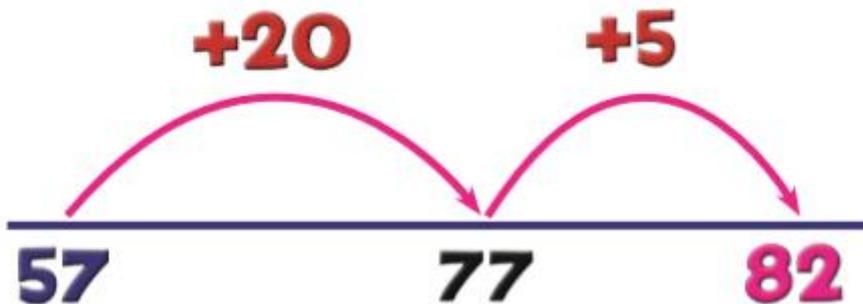
A4: Partitioning

$$43 + 24 = 67$$

$$40 + 20 = 60$$
$$3 + 4 = 7$$
$$\overline{67}$$

Subtraction

S6: Backwards Bounce

64   65   66   67   77   87

-1   -1   -1   -10   -10
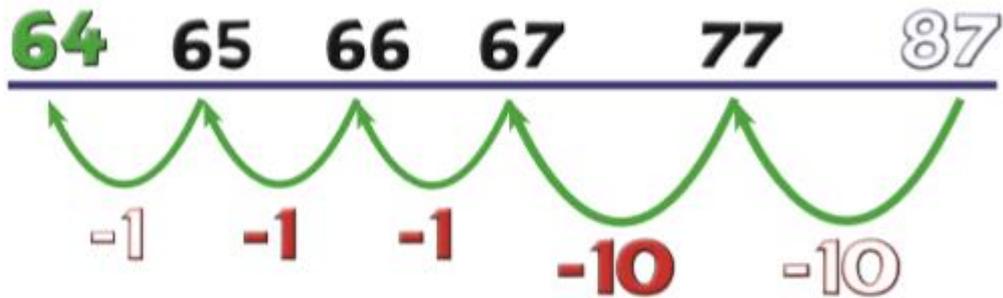
87 - 23 = 64

S7: Backwards Jump

38   45   75

-7   -30
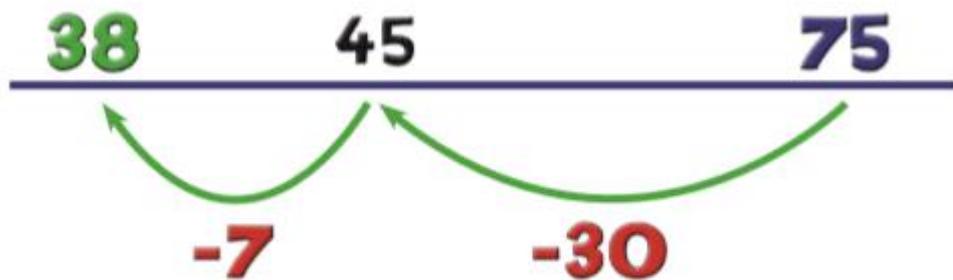
75 - 37 = 38

Multiplication

M2: Repeated Addition
(Number Line)

+5   **+5**   **+5**

0   5   10   15
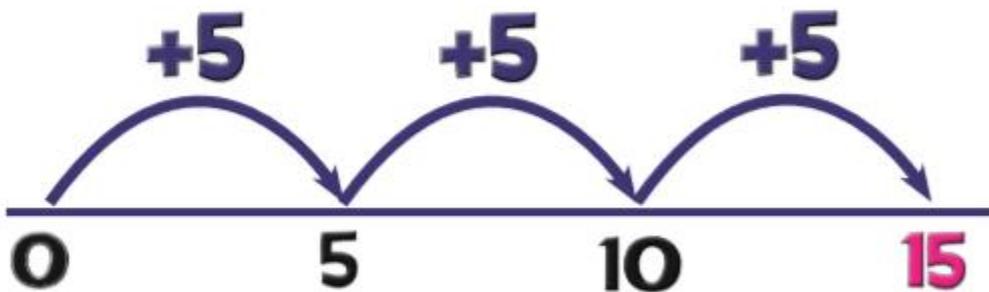
$5 \times 3 = 5 + 5 + 5 = 15$

"5 times 3" means "5, 3 times!"

(M3: Arrays)
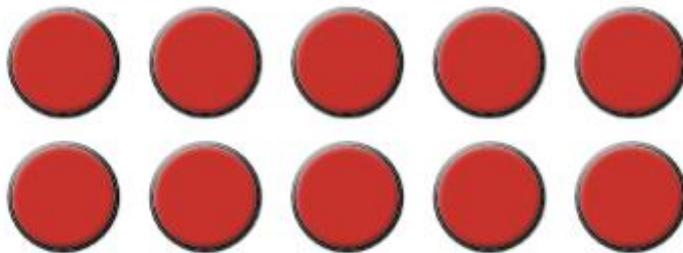
"**2** groups of **5** counters" or "**5** groups of **2** counters" - "**10** counters altogether"

M3: Arrays
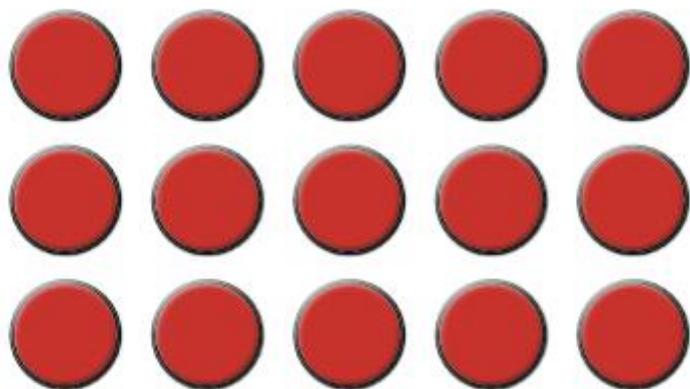
3 x 5 = 15 or 5 x 3 = 15

Division

D3: Division as Sharing

$$12 \div 2 = 6$$

"If I share 12 into 2 equal amounts, how many in each group?" Answer: 6
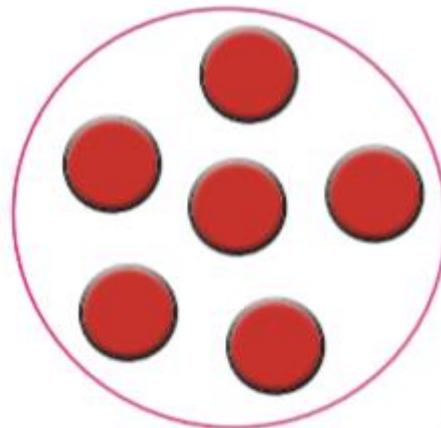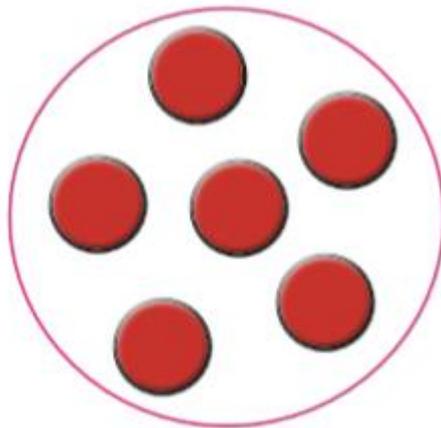
D4: Division as Grouping

$$12 \div 2 = 6$$

"How many groups of 2 can I fit into 12?" Answer: 6
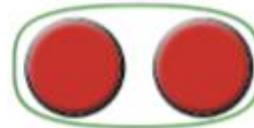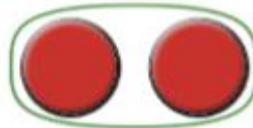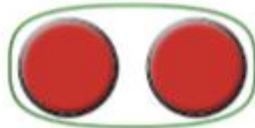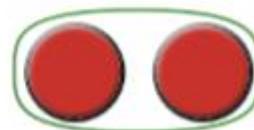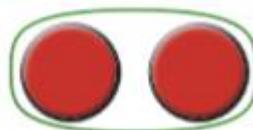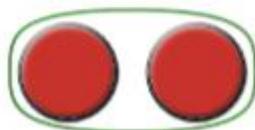
D5: Grouping on a Number Line

+5　　+5　　+5　　+5

0　　5　　10　　15　　20
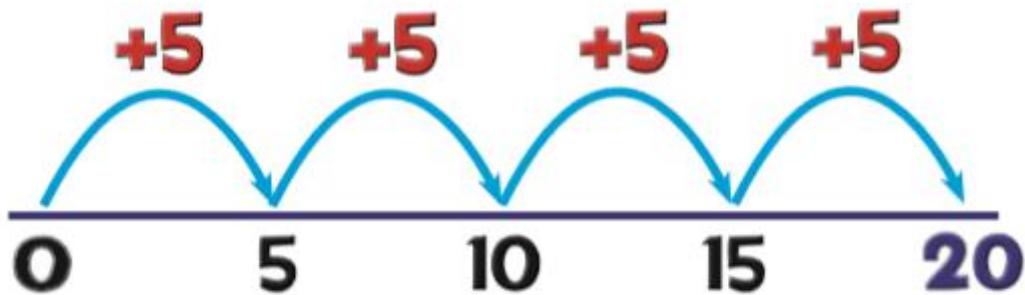
$$20 \div 5 = 4$$

"How many 5s in 20?"
Answer: 4