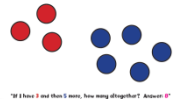
MATHS TARGETS *YEAR 1*

Good → Great → Super → Outstanding

Addition

A1: Objects & Pictures

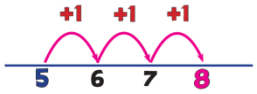


"If I have 3 and then 5 more, how many altogether? Answer: 8"

A1a: Largest Number 1st

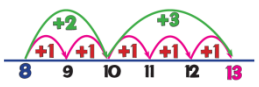
5 + 3 = 8

A2: Counting On



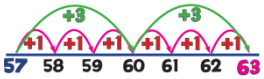
5 + 3 = 8

A2a: Counting On Bridging 10



8 + 5 = 13

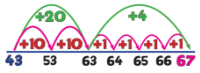
A2b: Counting On Bridging 10s Number



57 + 6 = 63

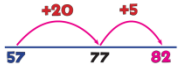
A3: Forwards Jump

43 + 24 = 67



A3a: Forwards Jump

57 + 25 = 82



A4: Partitioning

43 + 24 = 67

40 + 20 = 60

3 + 4 = 7

67

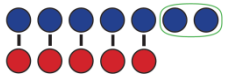
Subtraction

S1: Objects

7 - 3 = 4

"What do I get if I take 3 away from 7? Answer: 4"

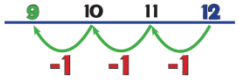
S2: What's the Difference?



7 - 5 = 2

"How many more is 7 than 5? What is the difference?"

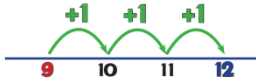
S3: Counting Back



12 - 3 = 9

"What do I get if I take 3 away from 12? Answer: 9"

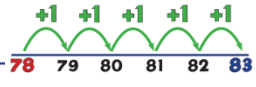
S4: Counting On



12 - 9 = 3

"How many more is 12 than 9? What is the difference?"

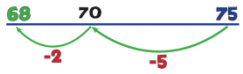
S4a: Counting On



83 - 78 = 5

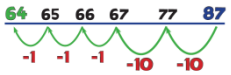
"How many more is 83 than 78? What is the difference?"

S5: Backwards Boing



75 - 7 = 68

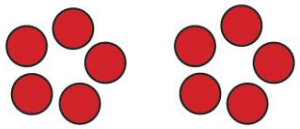
S6: Backwards Bounce



87 - 23 = 64

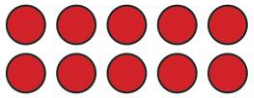
Multiplication

(M1: Groups)



"2 groups of 5 counters makes 10 counters altogether"

(M3: Arrays)



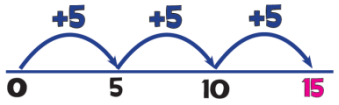
"2 groups of 5 counters" or "5 groups of 2 counters" - "10 counters altogether"

M1: Repeated Addition (Groups)

5 x 3 = 5 + 5 + 5 = 15

"5 multiplied by 3" means "5, 3 times", which gives "3 lots of 5"!

M2: Repeated Addition (Number Line)

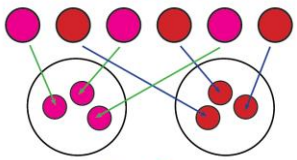


5 x 3 = 5 + 5 + 5 = 15

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

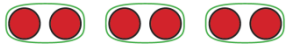
Division

D1: Sharing (Concept)



"If I share 6 into 2 equal amounts, how many in each group?" Answer: 3

D2: Grouping (Concept)

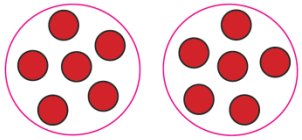


"How many groups of 2 can I make out of 6? Answer: 3

D3: Division as Sharing

12 ÷ 2 = 6

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



D4: Division as Grouping

12 ÷ 2 = 6

"How many groups of 2 can I fit into 12?" Answer: 6