

# Year 2 Calculation Guidance

### Addition

Concrete  
22 + 31 =

T	O
10 10	1 1
10 10 10	1

50 + 3

33 + 21 =

T	O
10 10 10	1 1 1
10 10	1

50 + 4

### Pictorial

33 + 21 =

T	O
111	111
11	1

50 + 4

### Abstract

$\overset{1}{4}5 + \overset{1}{1}2 =$

$5 + 2 = 7$

$40 + 10 = 50$

$50 + 7 = 57$

### Subtraction

Concrete  
23 - 11 =

T	O
10 10	1 1
	1

35 - 12 =

T	O
10 10 10	1 1 1 1
	1 1

### Pictorial

45 - 12 =

T	O
1111	1111
	11

### Abstract

45 - 12 =

5	-	2	=	3
40	-	10	=	30
30	+	3	=	33

### Multiplication

3 x 5 =

Concrete → Pictorial

○ ○ ○ ○ ○	5
○ ○ ○ ○ ○	10
○ ○ ○ ○ ○	15

3

Abstract

15		
5	5	5

3 x 5 = 15  
5 x 3 = 15

### Division

8 ÷ 2 =

Concrete → Pictorial

□ □ □ □	4
□ □ □ □	4

8

Abstract

8	÷	2	=	4
8	÷	4	=	2