Y1/2 Addition and subtraction Unit 2 (12190)

Additional teacher instructions for practice sheets

These notes indicate which practice sheets are most appropriate for which groups.

Day 1 Y1 Counting on Sheet 1
Working towards ARE / Working at ARE

Day 1 Y1 Counting on Sheet 2
Greater Depth

Day 1 Y2 Spider counting Sheet 3
Working towards ARE / Working at ARE

Day 1 Y2 Spider counting Sheet 4
Greater Depth

Day 2 Y1 Finger addition Sheet 1
Working towards ARE / Working at ARE

Day 2 Y1 Finger addition Sheet 2
Greater Depth

Day 2 Y2 The cake shop Sheet 3
Working towards ARE / Working at ARE / Greater Depth
Working towards ARE make the prices using 10p coins and smaller coins, then add a 10p coin.
Greater Depth complete the Challenge.

Day 3 Y1 Bead string addition Sheet 1
Working towards ARE / Working at ARE

Day 3 Y1 Bead string addition Sheet 2
Greater Depth

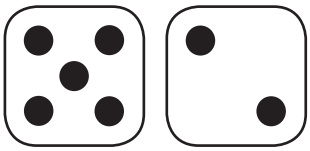
Day 3 Y2 Adding 10 and 11 Sheet 3
Working towards ARE

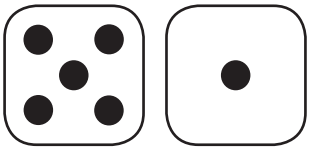
Day 3 Y2 Adding 10 and 11, 20 and 21 Sheet 4
Working at ARE / Greater Depth
Working at ARE can use a 1-100 grid to help.

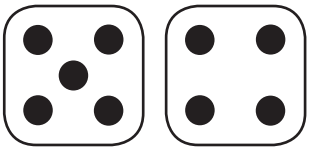
Counting on

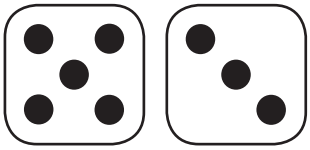
Sheet 1

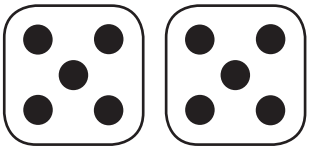
Count on from the first number.
Write the total on the dice.

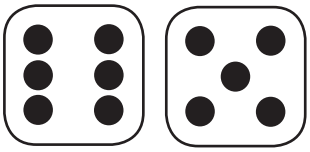
1.  Total

2.  Total

3.  Total

4.  Total

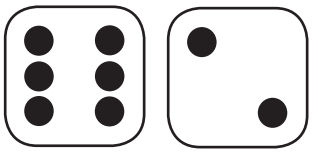
5.  Total

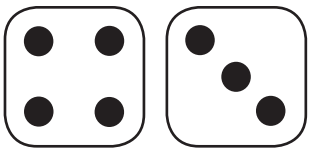
6.  Total

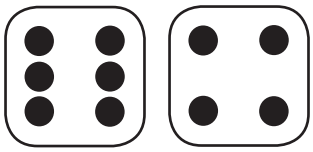
Counting on

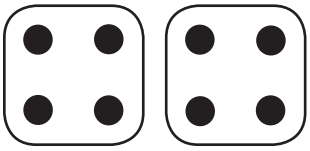
Sheet 2

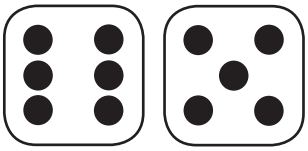
Count on from the first number.
Write the total.

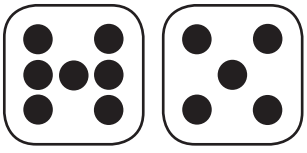
1.  Total

2.  Total

3.  Total

4.  Total

5.  Total

6.  Total

Challenge

How many dominoes can you find where the sum created is 6 + ☐ ?

Spider counting

Sheet 3

These are pieces of a 1-100 grid.
Write the missing numbers in the squares.

8
18
28

5	10	25	41	58	74	32
10	20	35	51	68	84	42

Challenge

Fill in the missing numbers:

35 + 10 = ☐ 68 + 10 = ☐ 45 + 10 = ☐

Spider counting

Sheet 4

These are pieces of a 1-100 grid.
Write the missing numbers in the squares.
The first one is done for you.

8
18
28

5	10	25	41	58	74	32

Challenge

Fill in the missing numbers:

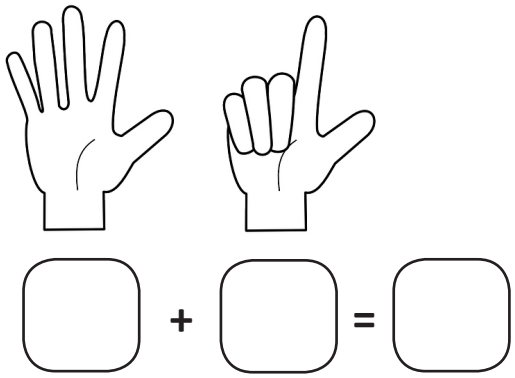
25 + 10 = ☐ 58 + 10 = ☐ 45 + 10 = ☐

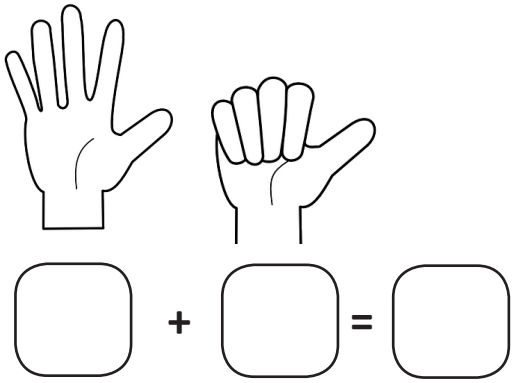
25 + 20 = ☐ 58 + 20 = ☐ 45 + 20 = ☐

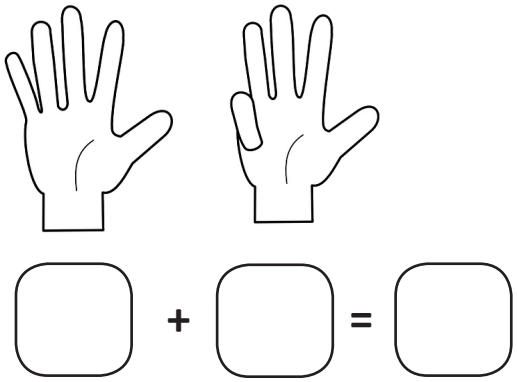
Finger addition

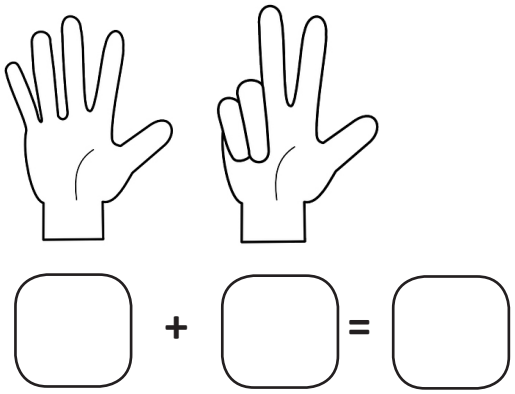
Sheet 1

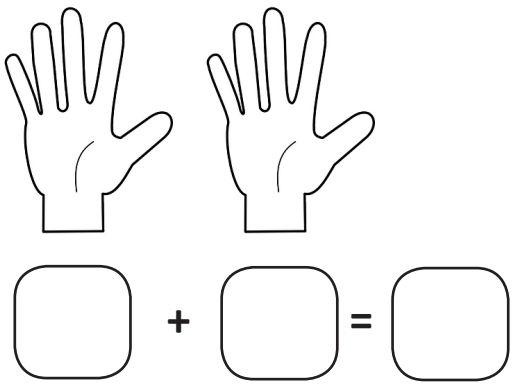
Count on from the first hand.
How many fingers in total?

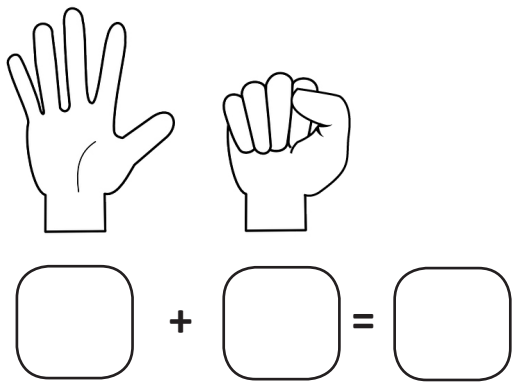












Finger addition

Sheet 2

How many in total?

5 

□ + □ = □

5 

□ + □ = □

5 

□ + □ = □

5 

□ + □ = □

5 

□ + □ = □

5 

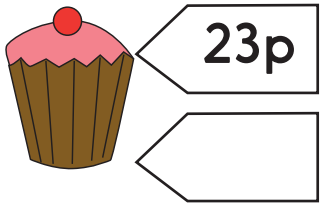
□ + □ = □

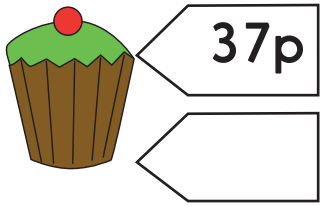
The cake shop

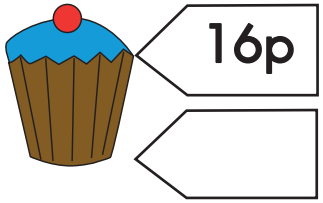
Sheet 3

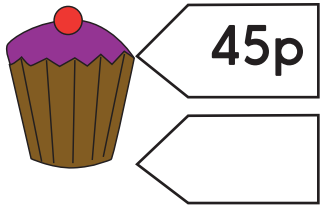
The Cake Shop

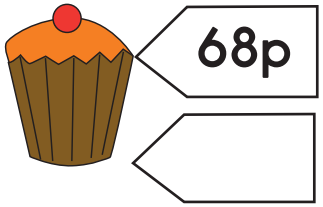
Use coins to match each price. The cakes are now 10p more. Write the new prices.











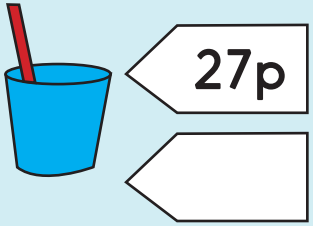
Fill in the missing numbers.

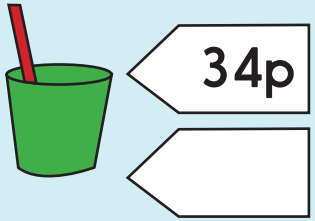
2, 12, ____ , ____ , 42, ____ , ____ , 72, ____ , ____ .

6, 16, ____ , ____ , 46, ____ , ____ , 76, ____ , ____ .

Challenge

These drinks have gone up by 20p. Write the new prices.





Bead string addition

Sheet 1

Count on to find the total number of beads.
Write the addition.

5 + 2 = 7

1.

___ + ___ = ___

2.

___ + ___ = ___

3.

___ + ___ = ___

4.

___ + ___ = ___

5.

___ + ___ = ___

6.

___ + ___ = ___

7.

___ + ___ = ___

Bead string addition

Sheet 2

Count on to find the total number of beads. Write the addition, e.g.

7 + 2 = 9

1.

\+ =

2.

\+ =

3.

\+ =

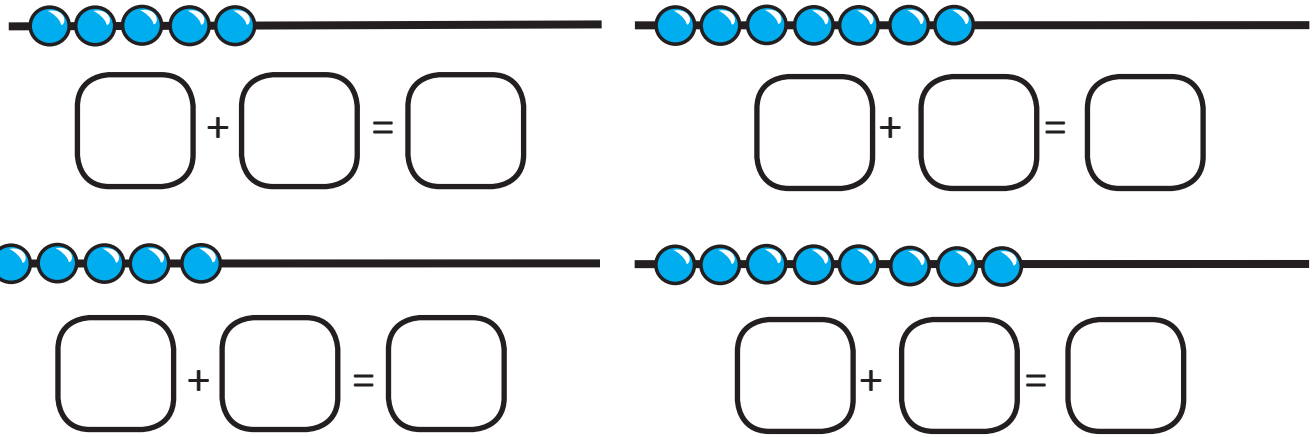
4.

\+ =

5.

\+ =

Draw more beads to make 10.
Write the addition.



Adding 10 and 11

Sheet 3

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

23 + 10 =	23 + 11 =
38 + 10 =	38 + 11 =
41 + 10 =	41 + 11 =
67 + 10 =	67 + 11 =
83 + 10 =	83 + 11 =
59 + 10 =	59 + 11 =

Adding 10 and 11, 20 and 21

Sheet 4

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

35 + 10 = ☐ 35 + 11 = ☐

72 + 10 = ☐ 72 + 11 = ☐

28 + 10 = ☐ 28 + 11 = ☐

43 + 20 = ☐ 43 + 21 = ☐

65 + 20 = ☐ 65 + 21 = ☐

71 + 20 = ☐ 71 + 21 = ☐

Challenge

Start at 1 on the top row of a 1-100 grid. How many times can you add 11 before you reach the bottom row?
What do you notice about your answers?

Addition and subtraction

Answers

Day 1 Y1 Counting on Sheet 1

1. 7
2. 6
3. 9
4. 8
5. 10
6. 11

Day 1 Y1 Counting on Sheet 2

1. 8
2. 7
3. 10
4. 8
5. 11
6. 12

Day 1 Y2 Spider counting Sheet 3

5, 10, 15
10, 20, 30
25, 35, 45
41, 51, 61
58, 68, 78
74, 84, 94
32, 42, 52

Challenge

35 + 10 = 45 68 + 10 = 78 45 + 10 = 55

Day 1 Y2 Spider counting Sheet 4

5, 10, 15
10, 20, 30
25, 35, 45
41, 51, 61
58, 68, 78
74, 84, 94
32, 42, 52

Challenge

25 + 10 = 35 25 + 20 = 45
58 + 10 = 68 58 + 20 = 78
45 + 10 = 55 45 + 20 = 65

Addition and subtraction

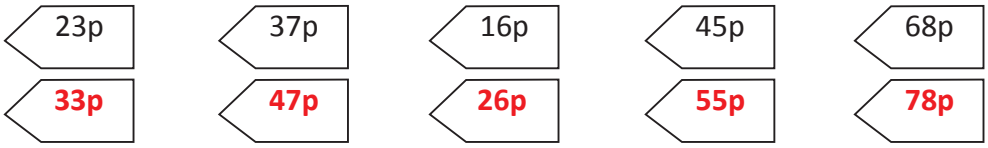
Answers

Day 2 Y1 Finger addition Sheets 1 and 2

5 + 2 = 7
5 + 4 = 9
5 + 5 = 10

5 + 1 = 6
5 + 3 = 8
5 + 0 = 5

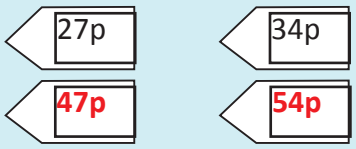
Day 2 Y2 The Cake Shop Sheet 3



2, 12, 22 , 32 , 42, 52 , 62 , 72, 82 , 92 .

6, 16, 26 , 36 , 46, 56 , 66 , 76, 86 , 96 .

Challenge



Day 3 Y1 Bead string addition Sheet 1

1. 5 + 1 = 6
2. 7 + 2 = 9
3. 4 + 2 = 6
4. 6 + 1 = 7
5. 8 + 2 = 10
6. 9 + 2 = 11
7. 11 + 1 = 12

Day 3 Y1 Bead string addition Sheet 2

1. 9 + 1 = 10
2. 8 + 2 = 10
3. 9 + 2 = 11
4. 12 + 3 = 15
5. 14 + 2 = 16

Children should have drawn the number of beads marked in red below and written the full sum.

5 + 5 = 10 7 + 3 = 10
6 + 4 = 10 8 + 2 = 10

Addition and subtraction

Answers

Day 3 Y2 Adding 10 and 11 Sheet 3

23 + 10 = 33	23 + 11 = 34
38 + 10 = 48	38 + 11 = 49
41 + 10 = 51	41 + 11 = 52
67 + 10 = 77	67 + 11 = 78
83 + 10 = 93	83 + 11 = 94
59 + 10 = 69	59 + 11 = 70

Day 3 Y2 Adding 10 and 11, 20 and 21 Sheet 4

35 + 10 = 45	35 + 11 = 46
72 + 10 = 82	72 + 11 = 83
28 + 10 = 38	28 + 11 = 39
43 + 20 = 63	43 + 21 = 64
65 + 20 = 85	65 + 21 = 86
71 + 20 = 91	71 + 21 = 92

Challenge

Start at 1 on the top row of a 1-100 grid. How many times can you add 11 before you reach the bottom row? 9 times

What do you notice about your answers? They form a diagonal line across the 100 grid.