NHM
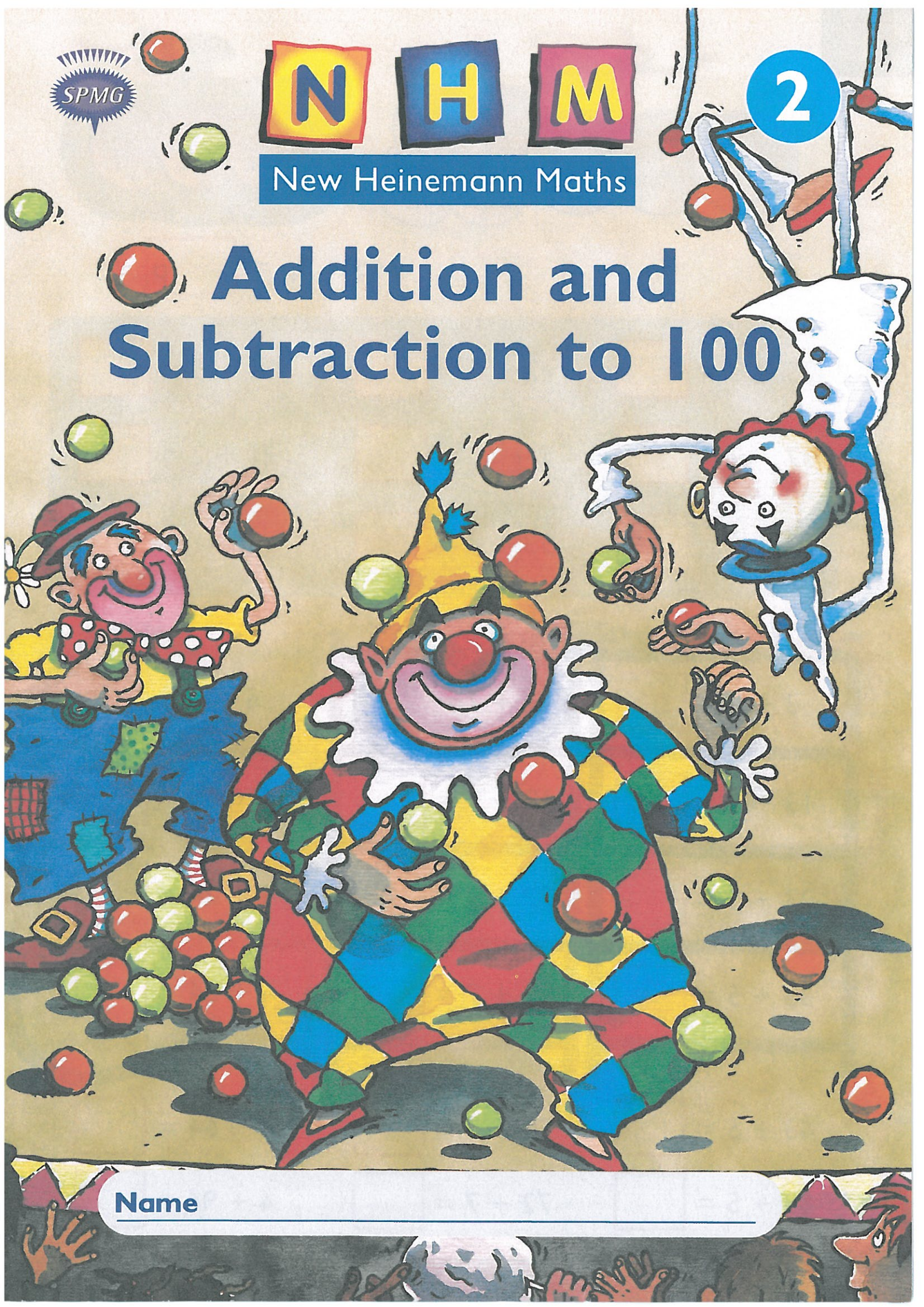## New Heinemann Maths

2

Addition and Subtraction to 100

Name

1

$$34p + 3p = \boxed{} \; p$$

$25 + 3 = \boxed{}$ $42 + 4 = \boxed{}$ $50 + 5 = \boxed{}$

$37 + 2 = \boxed{}$ $7 + 60 = \boxed{}$ $21 + 2 = \boxed{}$

$80 + 6 = \boxed{}$ $33 + 3 = \boxed{}$ $5 + 41 = \boxed{}$

$3 + 5 = \boxed{}$ $2 + 7 = \boxed{}$ $4 + 4 = \boxed{}$

$13 + 5 = \boxed{}$ $12 + 7 = \boxed{}$ $4 + 14 = \boxed{}$

$23 + 5 = \boxed{}$ $22 + 7 = \boxed{}$ $4 + 24 = \boxed{}$

$33 + 5 = \boxed{}$ $32 + 7 = \boxed{}$ $4 + 34 = \boxed{}$

$43 + 5 = \boxed{}$ $52 + 7 = \boxed{}$ $4 + 64 = \boxed{}$

$83 + 5 = \boxed{}$ $72 + 7 = \boxed{}$ $4 + 94 = \boxed{}$

2 + 3 = ☐
32 + 3 = ☐

6 + 2 = ☐
36 + 2 = ☐

4 + 3 = ☐
54 + 3 = ☐

64 + 5 = ☐
71 + 6 = ☐
85 + 2 = ☐

76 + 3 = ☐
55 + 4 = ☐
33 + 6 = ☐

91 + 7 = ☐
73 + 2 = ☐
8 + 81 = ☐

Give each 4 more.

32 ☐

71 ☐

85 ☐

31 frogs in the pond.
3 hop in.

How many now? ___

23 children in the hall.
4 come in.

How many now? ___
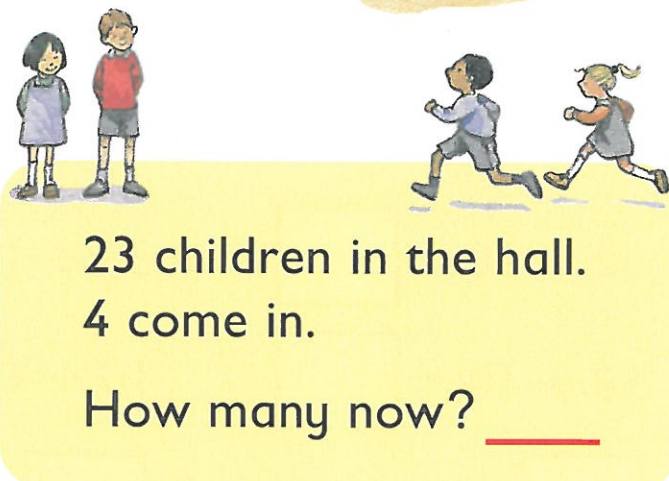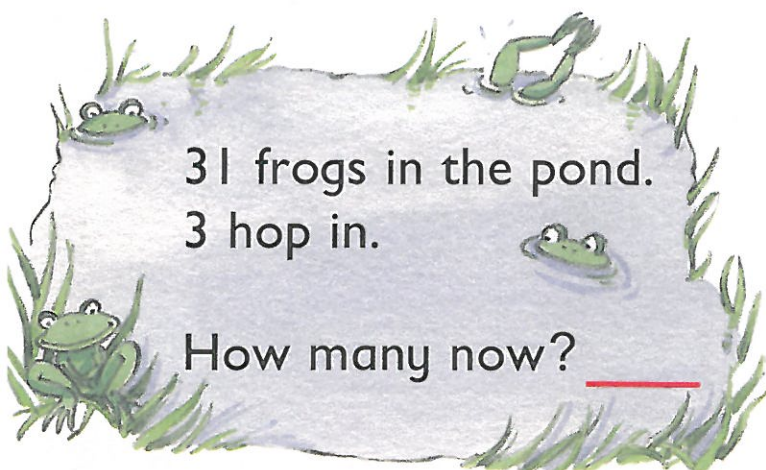
30 + ☐ = 38
22 + ☐ = 27
63 + ☐ = 69

☐ + 2 = 92
☐ + 4 = 55
☐ + 6 = 78

Addition: single digit and two-digit number

3

$30p + 10p = \boxed{} p$

$20p + 10p = \boxed{} p$

$40p + 10p = \boxed{} p$

$10p + 10p = \boxed{} p$
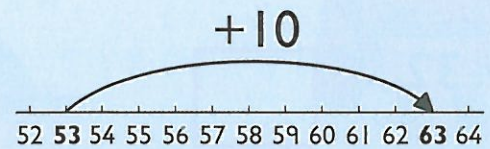
$60p + 10p = \boxed{} p$

$10p + 80p = \boxed{} p$

$50 + 10 = \boxed{}$

$10 + 70 = \boxed{}$

$90 + 10 = \boxed{}$

+10

26 **27** 28 29 30 31 32 33 34 35 36 **37** 38

$27 + 10 = \boxed{}$

+10

52 **53** 54 55 56 57 58 59 60 61 62 **63** 64
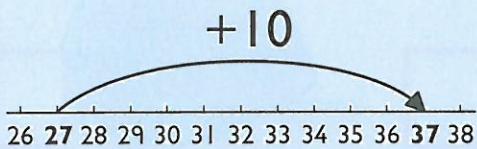
$53 + 10 = \boxed{}$

$32 + 10 = \boxed{}$

$39 + 10 = \boxed{}$

$51 + 10 = \boxed{}$

$58 + 10 = \boxed{}$

$10 + 44 = \boxed{}$

$75 + 10 = \boxed{}$

$\boxed{} + 10 = 89$

$\boxed{} + 10 = 67$
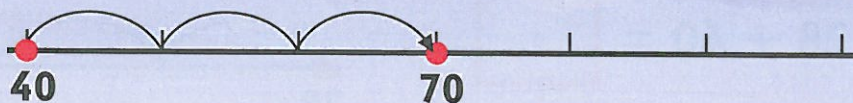
$10 + \boxed{} = 48$

25 — Add 10 > $\boxed{}$ — Add 10 > $\boxed{}$ — Add 10 > $\boxed{}$

63 — Add 10 > $\boxed{}$ — Add 10 > $\boxed{}$ — Add 10 > $\boxed{}$

10 20 30 40 50 60 70 80 90 100

40 + 30 = ☐

40 ———— 70

60 + 20 = ☐

60

20 + 50 = ☐

3 + 6 = ___

30 + 60 = ___

5 + 3 = ___
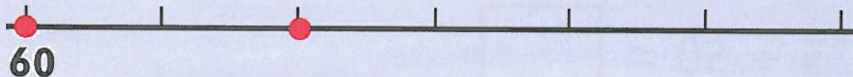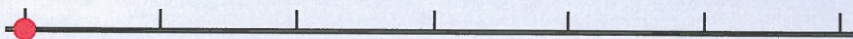
50 + 30 = ___

10 + 10 = ☐   30 + 50 = ☐   20 + 20 = ☐

30 + 20 = ☐   20 + 40 = ☐   30 + 30 = ☐

50 + 40 = ☐   40 + 40 = ☐   70 + 20 = ☐

Match to make 100.

10 20 30 40 50 60 70 80 90

80 60 90 70 50 30 10 40 20

5

52 + 20 = [ ]

52 62 72

28 + 40 = [ ]

28

35 + 50 = [ ]

35

40 + 47 = [ ]

47

64 + 30 = [ ]

50 + 46 = [ ]

34 + 30 = [ ]

71 + 20 = [ ]   19 + 60 = [ ]   58 + 20 = [ ]

30 + 52 = [ ]   33 + 60 = [ ]   16 + 80 = [ ]

29 + 70 = [ ]   50 + 23 = [ ]   62 + 30 = [ ]

45 + [ ] = 65   14 + [ ] = 84   37 + [ ] = 77

| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
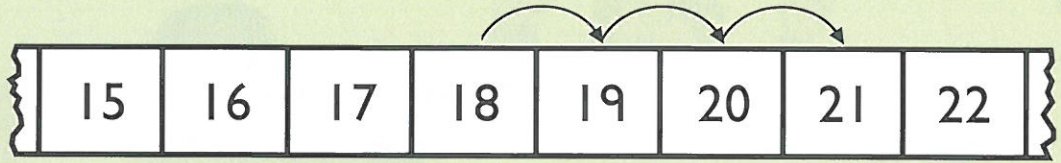
18 add 3

$18 + 3 = \boxed{}$

$17 + 4 = \boxed{}$ $19 + 3 = \boxed{}$ $18 + 4 = \boxed{}$

$16 + 5 = \boxed{}$ $15 + 6 = \boxed{}$ $18 + 5 = \boxed{}$

$19 + 2 = \boxed{}$ $17 + 5 = \boxed{}$ $19 + 4 = \boxed{}$

16 17 18 19 **20** 21 22 23
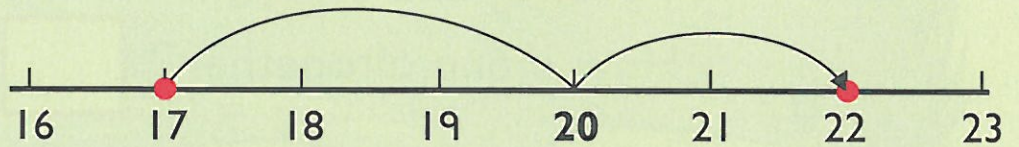
17 add 5

$17 + 5 = \boxed{}$

$16 + 8 = \boxed{}$ $18 + 7 = \boxed{}$ $16 + 9 = \boxed{}$

$15 + 8 = \boxed{}$ $12 + 9 = \boxed{}$ $14 + 8 = \boxed{}$

$17 + 7 = \boxed{}$ $19 + 6 = \boxed{}$ $18 + 8 = \boxed{}$

$9 + 13 = \boxed{}$ $7 + 16 = \boxed{}$ $9 + 15 = \boxed{}$

$19 + \boxed{} = 27$ $15 + \boxed{} = 22$ $18 + \boxed{} = 24$

8 + 6 = ☐

18 + 6 = ☐

4 + 7 = ☐

14 + 7 = ☐

13 + 8 = ☐

19 + 5 = ☐

14 + 9 = ☐

16 + 6 = ☐

8 + 17 = ☐

9 + 19 = ☐

19 🐟 and 7 🐟.
How many altogether? ☐

add 7

15

add 6

18

add 18

8

28 + 3 = ☐

47 + 5 = ☐

4 + 39 = ☐

69 + 3 = ☐

4 + 58 = ☐

76 + 5 = ☐

$38 + 10 = \underline{48}$

$38 + 11 = \underline{}$

$42 + 11 = \underline{}$

$87 + 11 = \underline{}$

$69 + 11 = \underline{}$

$51 + 20 = \underline{71}$

$51 + 21 = \underline{}$

$66 + 21 = \underline{}$

$73 + 21 = \underline{}$

$39 + 21 = \underline{}$

$64 + 9 = \underline{}$

$64 + 10 = \underline{74}$

$64 + 11 = \underline{}$

$33 + 9 = \underline{}$

$49 + 9 = \underline{}$

$78 + 9 = \underline{}$

$55 + 19 = \underline{}$

$55 + 20 = \underline{75}$

$55 + 21 = \underline{}$

$34 + 19 = \underline{}$

$76 + 19 = \underline{}$

$81 + 19 = \underline{}$

$30 + 31 =$	$30 + 30 = 60$	$30 + 29 =$
$50 + 49 =$	$50 + 50 = 100$	$50 + 51 =$

15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
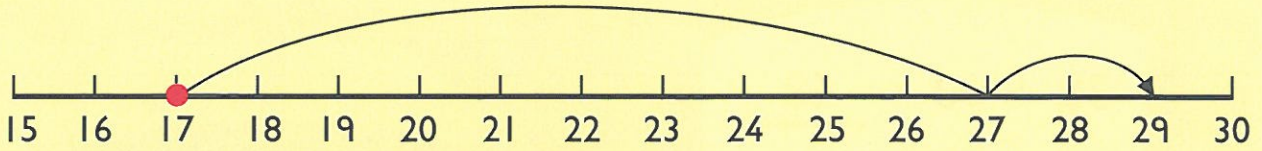
| 17 + 12 | 17 — add 10 → ☐ — add 2 → ☐ |

| 15 + 14 | 15 — add 10 → ☐ — add 4 → ☐ |

| 16 + 11 | 16 — add 10 → ☐ — add 1 → ☐ |

31 + 18 = ☐   24 + 14 = ☐   33 + 16 = ☐

11 + 63 = ☐   74 + 15 = ☐   18 + 71 = ☐

11 — + 14 → ◯ — + 14 → ◯

41 — + 13 → ◯ — + 13 → ◯ — + 13 → ◯

14 + ☐ = 27

12 + ☐ = 29

☐ + 11 = 28

☐ + 15 = 27

36 — add 14 →

☐ — add 17 →

◯

11 + 11 **22**

12 + 12 [ ]

13 + 13 [ ]

14 + 14 [ ]

15 + 15 [ ]
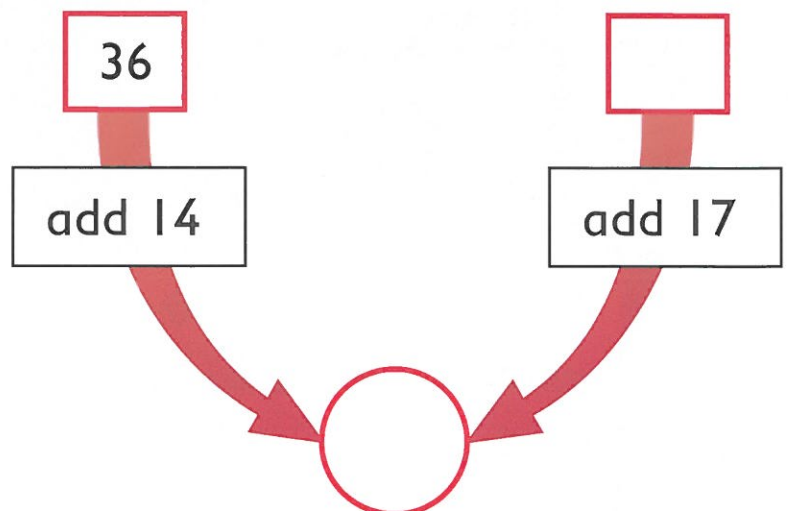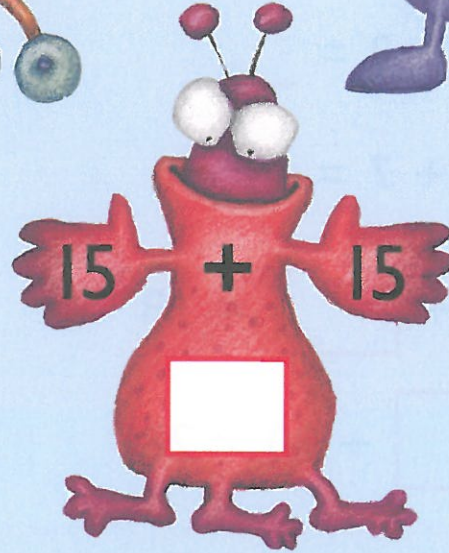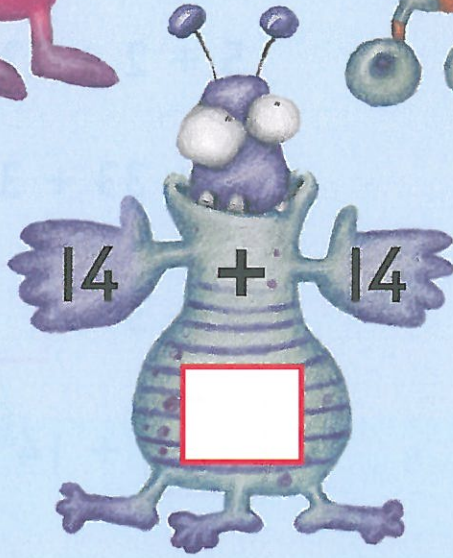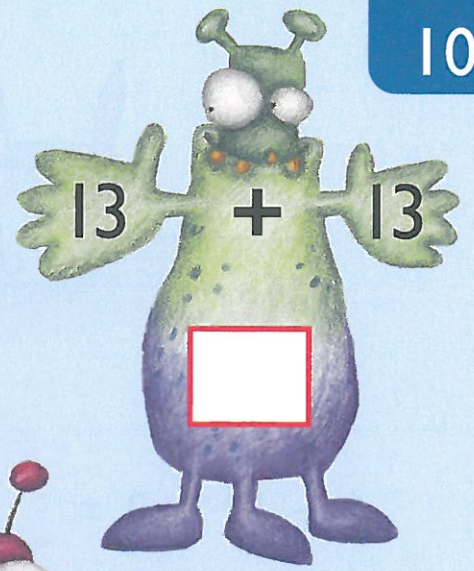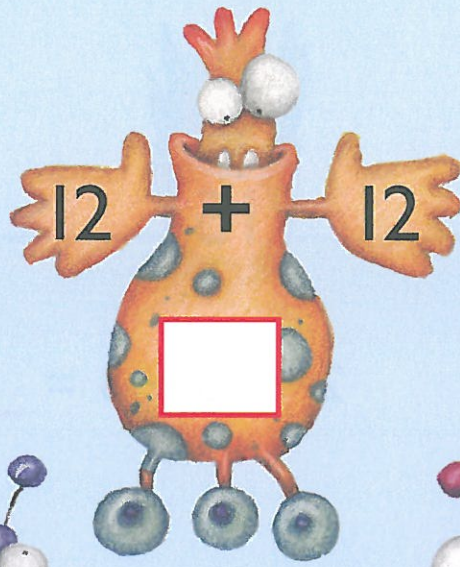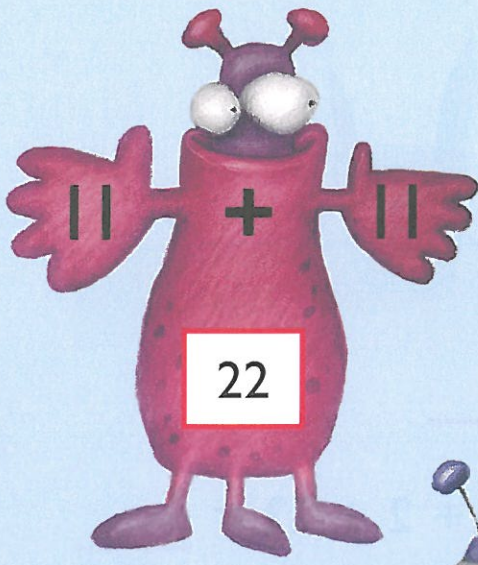
12 + 13 = [ ]   15 + 16 = [ ]   13 + 14 = [ ]

15 + 14 = [ ]   11 + 12 = [ ]   16 + 15 = [ ]

25 + 25 = [ ]   35 + 35 = [ ]   45 + 45 = [ ]

Colour two balls.

Score 28.

Score 50.

⑭ ⑯ ⑭ ⑫ ⑬   ㉒ ㉘ ㉕ ⑫ ㉕
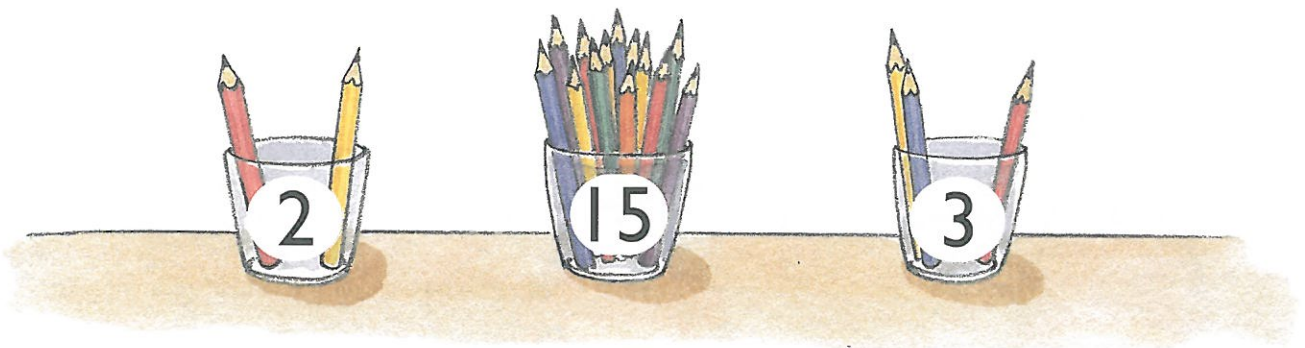
$2 + 15 + 3 =$ _____

$4 + 12 + 2 =$ _____ $5 + 2 + 22 =$ _____

$21 + 1 + 7 =$ _____ $3 + 33 + 3 =$ _____

$13 + 5 + \boxed{} = 19$ $5 + 5 + \boxed{} = 30$

$2 + \boxed{} + 20 = 28$ $\boxed{} + 14 + 3 = 20$

Colour **three** to make 29.

| 22 | 3 | 23 | 5 | 4 |

Make 100.

$50 + 40 + \boxed{}$ $30 + 30 + \boxed{}$

$70 + \boxed{} + 10$ $20 + \boxed{} + 60$
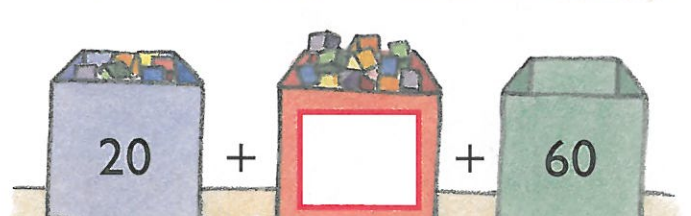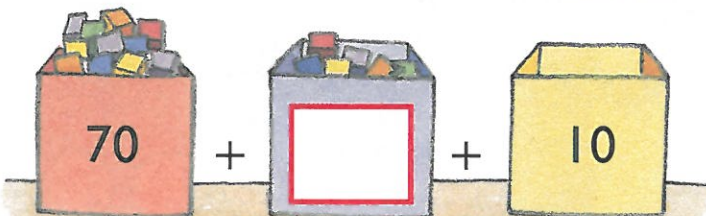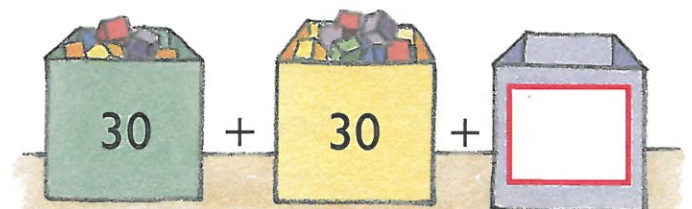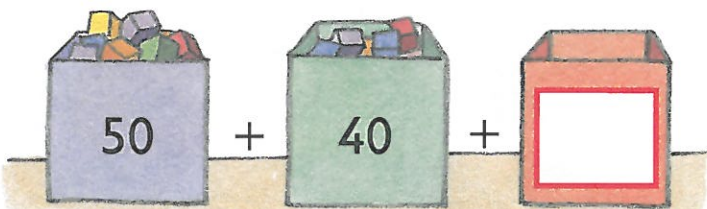
Use **10** **70** **60** **30** **20**

Make 100 in three diffferent ways.

_____

_____

_____

Colour

red	and	red	to make 50
green	and	green	to make 63
yellow	and	yellow	to make 23
blue	and	blue	to make 49.

40	2	11
38	10	33
15	30	8

Complete.

12

+ 12

+ 10

+ 5

+ 11

+ 50

100
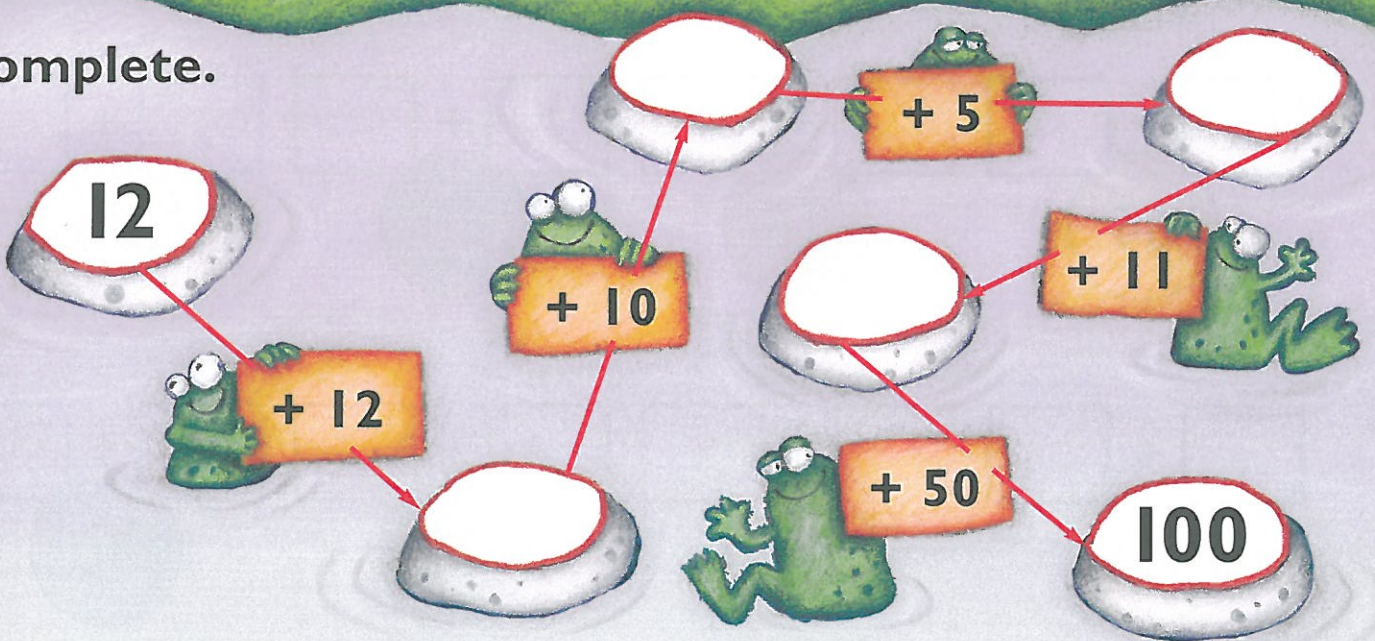
15	25
9	10
34	18

60	3
13	40
69	~~6~~

4	50
7	30
13	~~8~~

11	50
20	24
47	5

8	+	6

14

	+	

100

	+	

21

	+	

70

	+	

64

	+	

26

	+	

89

	+	

39

	+	

33

	+	

57

	+	

22

	+	

36

1

30 + 7 = ☐   80 + 5 = ☐   3 + 60 = ☐

46 + 3 = ☐   4 + 54 = ☐   81 + 6 = ☐

40 + ☐ = 46   32 + ☐ = 39   65 + ☐ = 68

2 Match to make 80.

40   70   30

10   40   50

38 + 10 = ☐   43 + 10 = ☐   10 + 86 = ☐

29 + 30 = ☐   40 + 46 = ☐   50 + 23 = ☐

3

14 + 7 = ☐   8 + 15 = ☐   19 + 5 = ☐

16 + ☐ = 22   13 + ☐ = 21   17 + ☐ = 23

4

43 + 11 = ☐   58 + 9 = ☐   64 + 19 = ☐

38   21
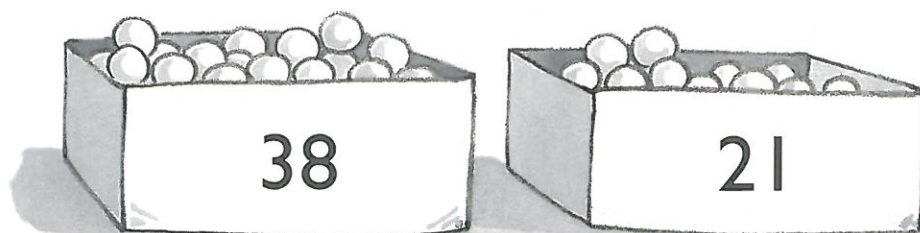
How many altogether? ____

1

24 + 15 = ☐   33 + 13 = ☐   11 + 16 = ☐

52 + 17 = ☐   41 + 18 = ☐   14 + 63 = ☐

43   → add 12 →   → add 12 →

2
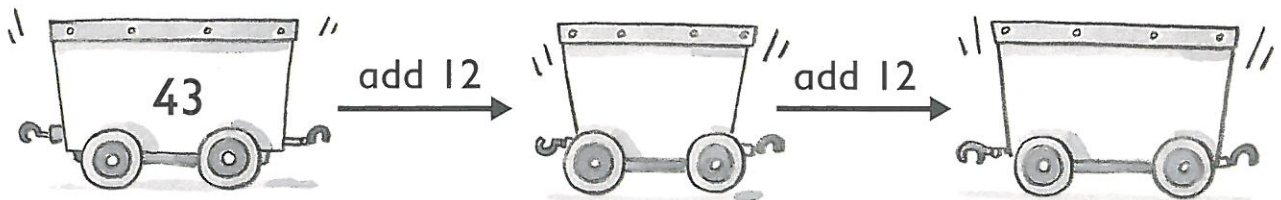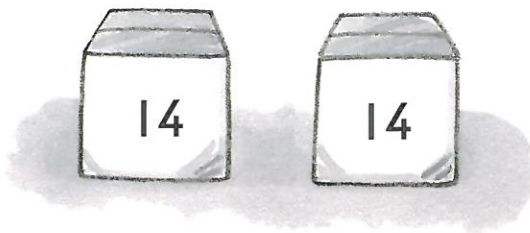
14   14   Find the total. ____

25 + 25 = ☐   13 + 13 = ☐   45 + 45 = ☐

30 + 30 = ☐   15 + 16 = ☐   12 + 11 = ☐

3

2 + 32 + 3 = ☐   5 + 22 + 1 = ☐

31 + 3 + ☐ = 36   24 + ☐ + 1 = 29

Colour **three** to make 100.

10   20   30   40   50

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
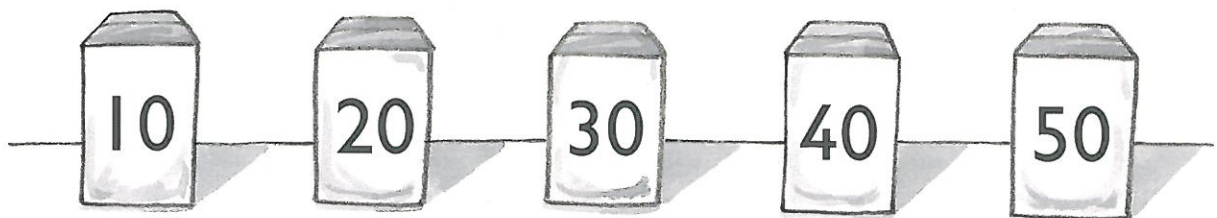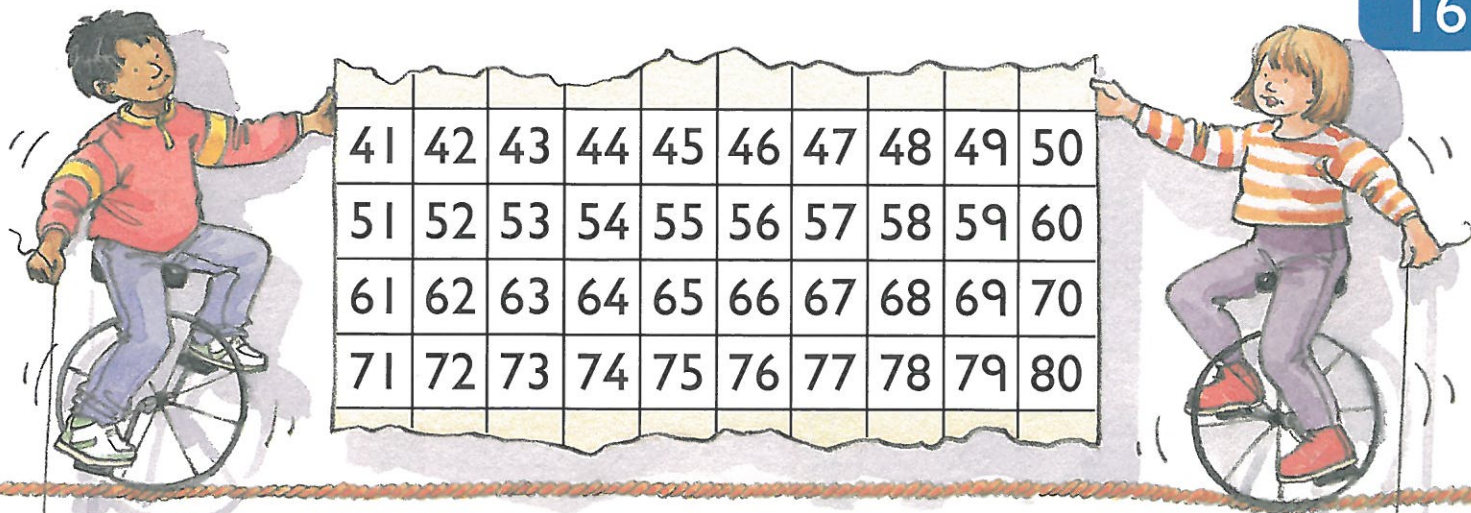
76 – 3 = ☐   64 – 2 = ☐   49 – 8 = ☐

60 – 3 = ☐   75 – 4 = ☐   59 – 7 = ☐

36 – 2 = ☐   98 – 4 = ☐   27 – 5 = ☐

87 – 5 = ☐   28 – 6 = ☐   94 – 4 = ☐

68 take away 7 = ☐   37 subtract 4 = ☐

Take 9 from 80. ☐   Subtract 3 from 79. ☐

Match.

40 – 7

48 – 3

29 – 6

23

33

45

50 – 5

30 – 7

35 – 2
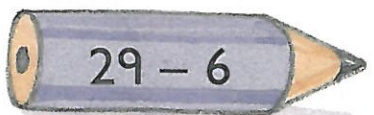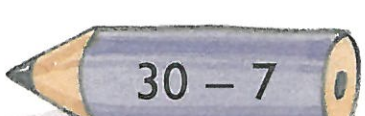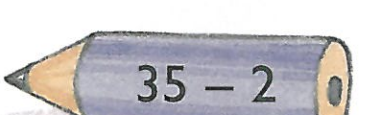
8 – 3 =	6 – 5 =	10 – 6 =
18 – 3 =	16 – 5 =	20 – 6 =
28 – 3 =	26 – 5 =	30 – 6 =
68 – 3 =	56 – 5 =	70 – 6 =
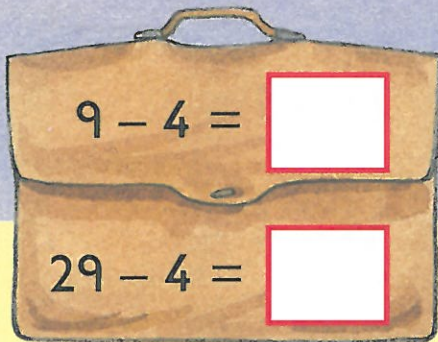
9 – 4 = ☐   7 – 2 = ☐   10 – 8 = ☐
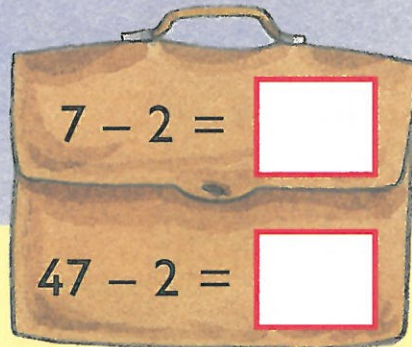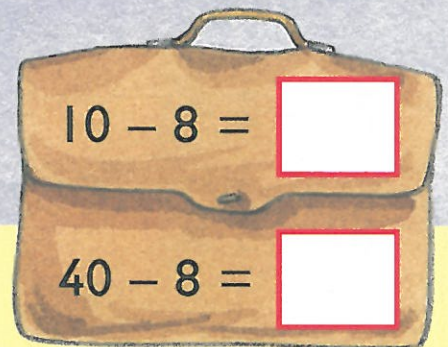
29 – 4 = ☐   47 – 2 = ☐   40 – 8 = ☐

65 – 3 = ☐   88 – 6 = ☐   74 – 2 = ☐

97 – 3 = ☐   69 – 9 = ☐   85 – 4 = ☐

78 – 7 = ☐   96 – 5 = ☐   50 – 2 = ☐

39 – 8 = ☐   67 – 4 = ☐   86 – 5 = ☐

95 – ☐ = 93   58 – ☐ = 54

☐ – 1 = 33   ☐ – 4 = 56

Subtraction: single digit from two-digit number

Subtract 10p.

30p – 10p = [ ] p

50p – 10p = [ ] p

33p – 10p = [ ] p

41p – 10p = [ ] p

Take off 10p.

70p [ ] p

27p [ ] p

45p [ ] p

64p [ ] p

56p [ ] p

82p [ ] p

40 – 10 = [ ]

59 – 10 = [ ]

100 – 10 = [ ]

66 – 10 = [ ]

95 – 10 = [ ]

71 – 10 = [ ]

[ ] – 10 = 68

[ ] – 10 = 80

36 – [ ] = 26

90 − 40 = [ ]

|———|———|———|———|———|———|
40   50   60   70   80   90●
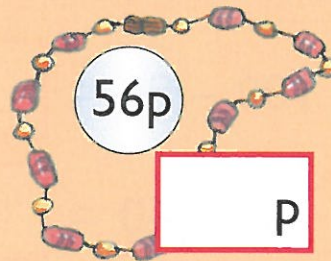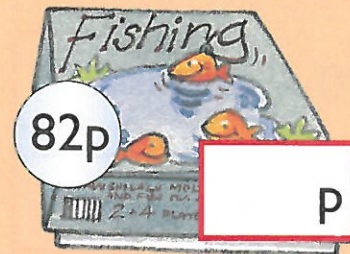
70 − 30 = [ ]

|———|———|———|———|———|———|
20   30   40   50   60   70●

80 − 20 = [ ]   50 − 40 = [ ]   90 − 50 = [ ]

8 − 4 = ___   6 − 5 = ___   7 − 2 = ___

80 − 40 = ___   60 − 50 = ___   70 − 20 = ___

40 − 20 = ___   70 − 40 = ___   90 − 30 = ___

70 − 50 = ___   60 − 40 = ___   80 − 70 = ___

0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100
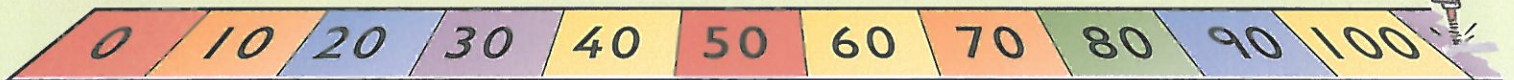
100 − 20 = [ ]   100 − 90 = [ ]   100 − [ ] = 50

100 − 60 = [ ]   100 − 40 = [ ]   100 − [ ] = 70

Make 30.

80 − [ ]   50 − [ ]

[ ] − 30   [ ] − 60

30

76 − 30 = ☐

46 56 66 76

85 − 50 = ☐

85
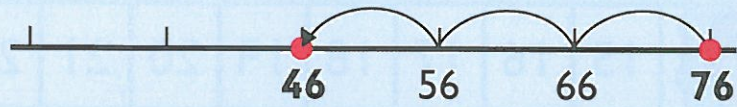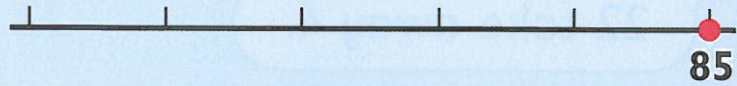
64 − 40 = ☐

Subtract 20 from each ☐ Colour the answer ☐

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

72 − 50 = ☐   84 − 70 = ☐   93 − 60 = ☐

79 − 40 = ☐   99 − 50 = ☐   67 − 50 = ☐

88 − ☐ = 48   66 − ☐ = 36   95 − ☐ = 65

☐ − 50 = 15   ☐ − 60 = 21   ☐ − 40 = 18

| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
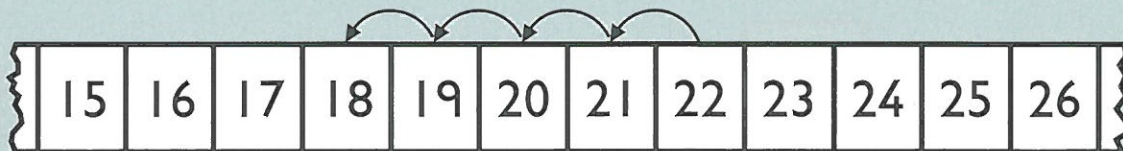
22 take away 4.

$22 - 4 = \boxed{}$

$21 - 2 = \boxed{}$ $23 - 4 = \boxed{}$ $22 - 5 = \boxed{}$

$21 - 4 = \boxed{}$ $24 - 5 = \boxed{}$ $21 - 3 = \boxed{}$

$22 - 3 = \boxed{}$ $23 - 5 = \boxed{}$ $23 - 6 = \boxed{}$
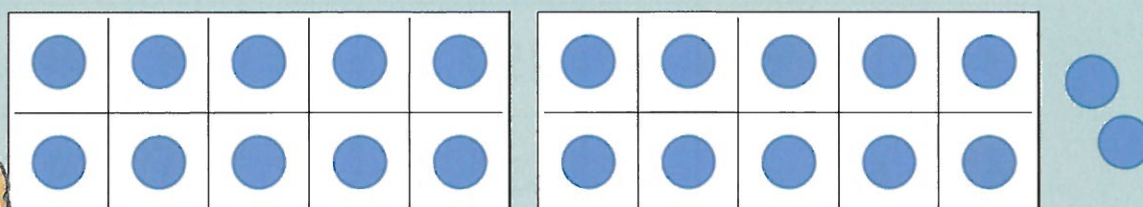
22 subtract 6.

$22 - 6 = \boxed{}$

$25 - 7 = \boxed{}$ $21 - 8 = \boxed{}$ $26 - 9 = \boxed{}$

$22 - 8 = \boxed{}$ $25 - 6 = \boxed{}$ $27 - 8 = \boxed{}$

$24 - 6 = \boxed{}$ $28 - 9 = \boxed{}$ $21 - 9 = \boxed{}$

$23 - 9 = \boxed{}$ $26 - 7 = \boxed{}$ $24 - 8 = \boxed{}$

16 17 18 19 **20** 21 22 23 24 25
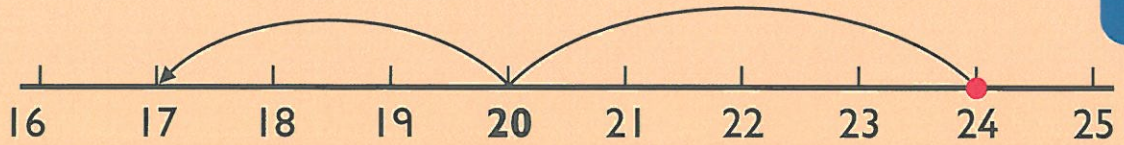
24 minus 7.

24 – 7 = ☐

25 – 9 = ☐   21 – 6 = ☐   23 – 8 = ☐

23 – 7 = ☐   26 – 8 = ☐   22 – 7 = ☐

24 – 9 = ☐   21 – 7 = ☐   23 – 9 = ☐

25 – ☐ = 17   21 – ☐ = 16   27 – ☐ = 18

Sue has 22 balloons.
9 go bang !
How many are left? ____

Take 6 bugs from each leaf.

25 ☐   21 ☐   24 ☐
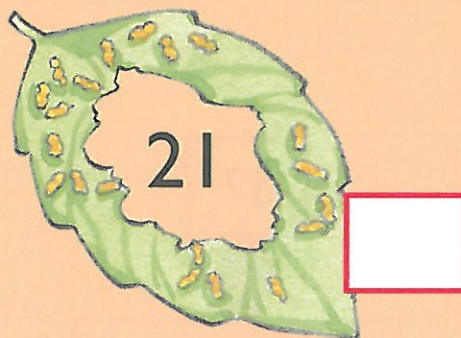
Sol has 26p.
He buys an apple.
How much has he left? ____

8p

28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45
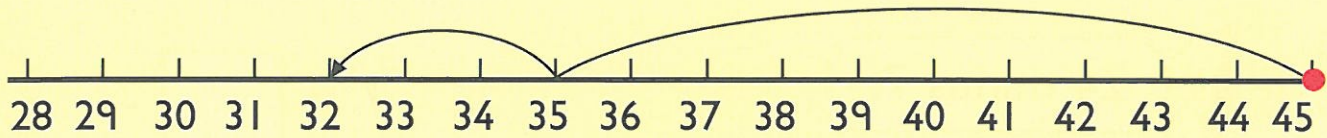
| 45 − 13 | 45 → subtract 10 → ☐ → subtract 3 → ☐ |

| 43 − 12 | 43 → subtract 10 → ☐ → subtract 2 → ☐ |

| 44 − 11 | 44 → subtract 10 → ☐ → subtract 1 → ☐ |

38 − 17 = ☐   57 − 14 = ☐   86 − 15 = ☐

74 − 13 = ☐   49 − 18 = ☐   69 − 14 = ☐

59 → −13 → ☐ → −13 → ☐ → −13 → ☐

88 → −12 → ☐ → −12 → ☐ → −12 → ☐

78 − ☐ = 62

99 − ☐ = 81

35 − ☐ = 22

29 − ☐ = 18

37

subtract 14   subtract 16

☐

○

Complete.

subtract 13

24 ⟶ [ ]

65 ⟶ [ ]

86 ⟶ [ ]

subtract 15

99 ⟶ [ ]

88 ⟶ [ ]

50 ⟶ [ ]
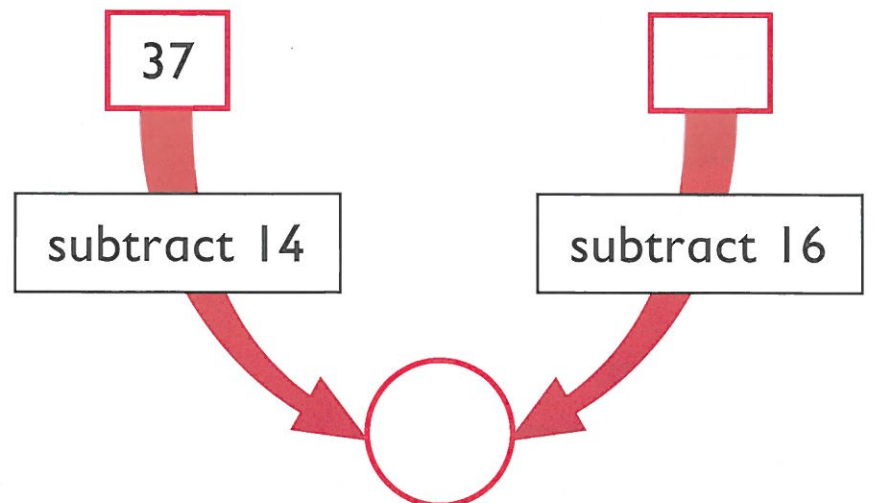
53 ladybirds.
12 hide.
How many are left? [ ]

60 butterflies.
14 fly away.
How many are left? [ ]

79 ants.
16 hide.
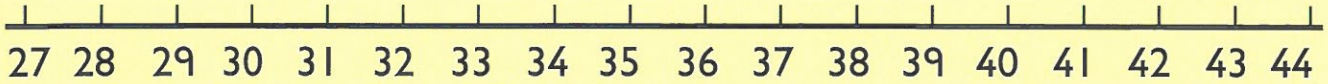How many are left? [ ]
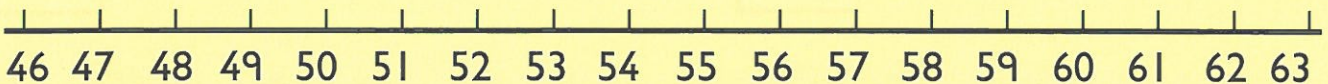
70 bees.
18 fly away.
How many are left? [ ]

34 − [ ] = 23

56 − [ ] = 42

87 − [ ] = 72

49 − [ ] = 34

27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44

Find the difference between

38 and 43 [ ]   34 and 37 [ ]   32 and 28 [ ]

46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

Find the difference between

51 and 49 [ ]   53 and 58 [ ]   63 and 59 [ ]

28 − 25 = [ ]   46 − 44 = [ ]   71 − 67 = [ ]

60 − 58 = [ ]   35 − 31 = [ ]   91 − 89 = [ ]

92 − 87 = [ ]   22 − 18 = [ ]   99 − 96 = [ ]

Ben: I have 79p.

Jane: I have 82p.

Bob 77   Sue 73

Who has more? _____

Who has more? _____

How much more? _____

How many more? _____

57 − 10 =

57 − 11 =

85 − 10 =

85 − 11 =

64 − 20 =

64 − 21 =

Take away 11.

36 ☐

29 ☐

41 ☐

Take away 21.

43 ☐

36 ☐

90 ☐

42 − 10 =

42 − 9 =

83 − 10 =

83 − 9 =
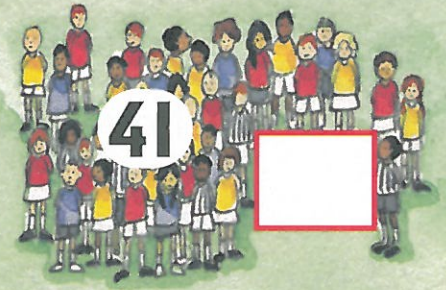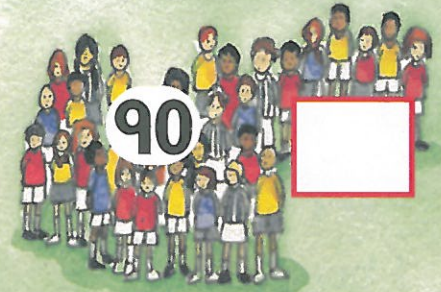
54 − 20 =

54 − 19 =

68 − 9 = ___

27 − 9 = ___

51 − 9 = ___

38 − 19 = ___

72 − 19 = ___

35 − 19 = ___

80 − 40 =

80 − 41 =

60 − 30 =

60 − 29 =

100 − 50 =

100 − 51 =

I have 24p.

I buy 10p

How much do I have left? _____

I have 45p.

I buy 25p and 5p _____

How much do I have left? _____

I have 58p.

I buy 8p and 7p _____

How much do I have left? _____

I have 86p.

I buy 12p and 10p and 8p _____

How much do I have left? _____

I have 41p.

I buy 12p and 25p _____

How much do I have left? _____

Complete.

upstairs	downstairs	altogether
23	15	
30		64
	14	56

48

6 get on
54

30 get off

13 get on

10 get off

8 get off

6 get on

1 Match.

| 48 – 4 | | 77 – 2 | | 86 – 4 |

| 42 | 44 | 64 | 75 | 82 |

| 45 – 3 | | 50 – 6 | | 69 – 5 |

2

$70 - 10 = \boxed{}$ $64 - 10 = \boxed{}$ $93 - 10 = \boxed{}$

$57 - \boxed{} = 47$ $76 - \boxed{} = 66$ $\boxed{} - 10 = 25$

3

$60 - 20 = \boxed{}$ $90 - 40 = \boxed{}$ $50 - 30 = \boxed{}$

$84 - 30 = \boxed{}$ $71 - 50 = \boxed{}$ $99 - 60 = \boxed{}$

$53 - \boxed{} = 33$ $77 - \boxed{} = 37$ $\boxed{} - 70 = 15$

4

$21 - 4 = \boxed{}$ $23 - 5 = \boxed{}$ $22 - 3 = \boxed{}$

Take 7 from 24. $\boxed{}$ Subtract 6 from 25. $\boxed{}$

1

94 – 13 = ☐   66 – 15 = ☐   79 – 16 = ☐

57 – 17 = ☐   85 – 12 = ☐   60 – 14 = ☐

48 – ☐ = 35   36 – ☐ = 21

55 in the pool.
12 get out.
How many are left? ☐

2 Find the difference between

48 and 53 ☐   92 and 89. ☐

3

subtract 9

57 ⟶ ☐

46 ⟶ ☐

subtract 11

83 ⟶ ☐

97 ⟶ ☐

33 – 19 = ☐   56 – 21 = ☐   69 – 21 = ☐

Subtract 19 from 100. ☐

Subtraction: assessment

$8 + 1 =$ ___

$80 + 10 =$ ___

$800 + 100 =$ ___

$3 + 2 =$ ___

$30 + 20 =$ ___

$300 + 200 =$ ___

$300 + 300 =$ ___

$500 + 200 =$ ___

$100 + 700 =$ ___

$400 + 600 =$ ___

$7 - 4 =$ ___

$70 - 40 =$ ___

$700 - 400 =$ ___

$8 - 2 =$ ___

$80 - 20 =$ ___

$800 - 200 =$ ___

$900 - 700 =$ ___

$600 - 500 =$ ___

$400 - 100 =$ ___

$1000 - 300 =$ ___

$600 + 5 =$ ___

$600 + 6 =$ ___

$600 + 7 =$ ___

$400 + 9 =$ ___

$200 + 2 =$ ___

$700 + 1 =$ ___

$6 + 900 =$ ___

$3 + 500 =$ ___

$8 + 100 =$ ___

$800 + \boxed{} = 804$

$\boxed{} + 3 = 303$

Addition and subtraction: hundreds