Yr 2 Place Value and Money Unit 2 (2129)

Additional teacher instructions for practice sheets

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

Day 1 Counting in 10s Sheet 1
Working towards ARE

Day 1 Counting in 10s Sheet 2
Working at ARE

Day 1 Place value, addition and subtraction Sheet 3
Working at Greater Depth

Day 2 2-digit numbers and number sentences Sheet 1
All children – Working towards should only do Part 1; Greater Depth should try the challenge.

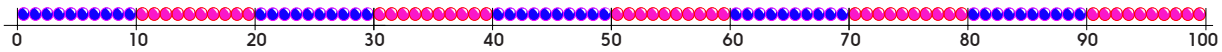
Day 3 Addition and subtraction problems Sheet 1
Working towards ARE

Day 3 Addition and subtraction problems Sheet 2
Working at ARE

Day 3 Addition and subtraction problems Sheet 3
Greater Depth

Counting in 10s

Sheet 1



Using the beaded line, solve these problems.

Start on 3. End on 43. How many jumps of ten?
Start on 7. End on 57. How many jumps of ten?
Start on 5. End on 65. How many jumps of ten?
Start on 9. End on 39. How many jumps of ten?
Start on 6. End on 86. How many jumps of ten?

Start on	Finish on	Number of jumps of 10
3	43	
7	57	
5	65	
9	39	
6	86	

Challenge

Write a problem like the ones you have just done for a friend to complete. Use the table to help you.

Start on	Finish on	Number of jumps of 10

Counting in 10s

Sheet 2

Continue each sequence.

24, 34, ☐, ☐, 64

15, 25, 35, ☐, ☐

46, 56, ☐, ☐, 86

51, 61, 71, ☐, ☐

7, 17, ☐, ☐, ☐

☐, 19, ☐, 39, 49, ☐

Challenge

Write how many tens are in each of these numbers?

50 = 5 tens

30

70

60

20

80

40

90

Place value, addition and subtraction

Sheet 3

Fill in the missing numbers.

5 + ☐ = 65

37 - ☐ = 30

9 + ☐ = 49

72 - ☐ = 70

☐ + 50 = 56

98 - ☐ = 90

☐ + 60 = 69

☐ - 7 = 40

☐ + 3 = 83

☐ - 9 = 50

Challenge

10 + ☐ = 61

20 + ☐ = 45

30 + ☐ = 67

14 + ☐ = 34

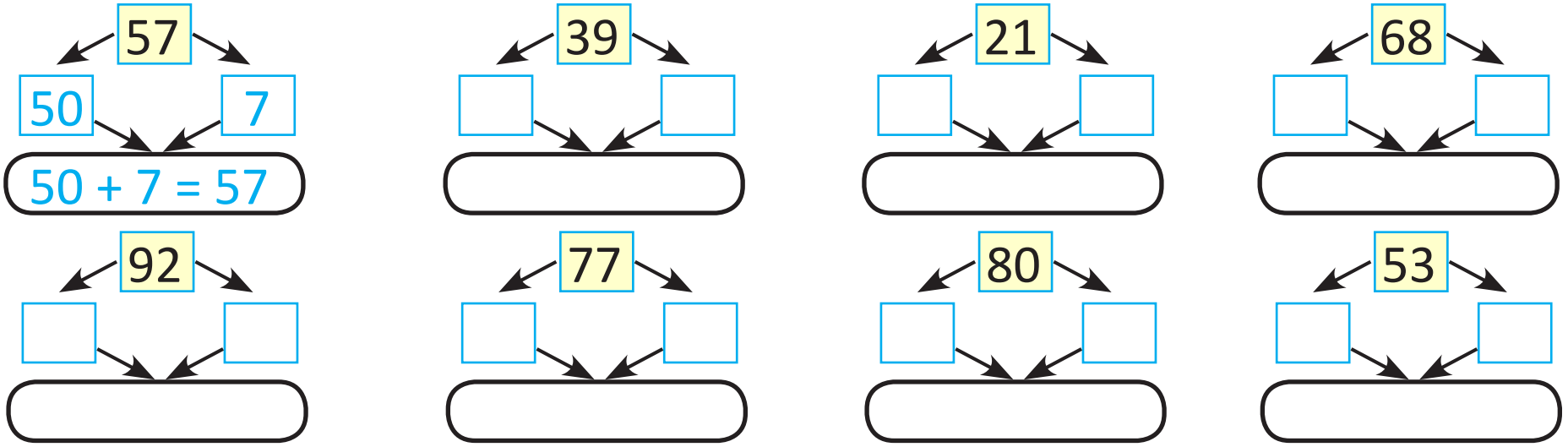
25 + ☐ = 55

52 + ☐ = 92

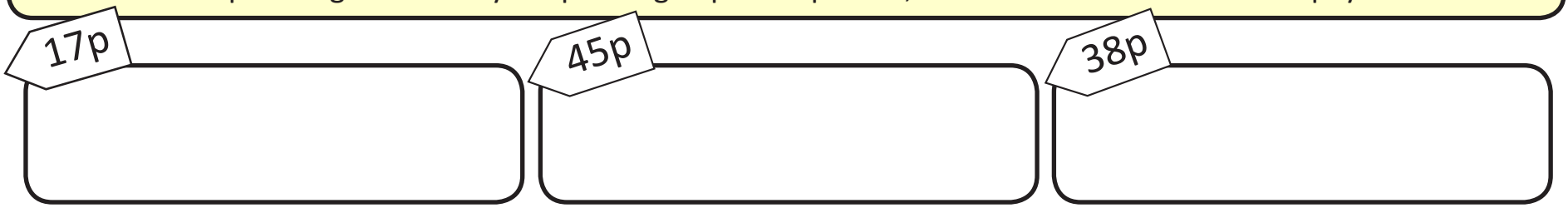
2-digit numbers and number sentences

Sheet 1

Help the PV machine to sort these numbers into tens and ones. Write the number sentence in the box below.



Here are some price tags from a toy shop. Using 10p and 1p coins, write down those needed to pay for each item.



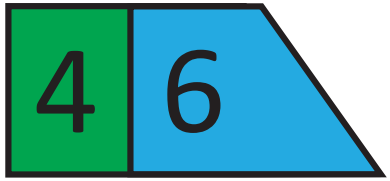
Challenge

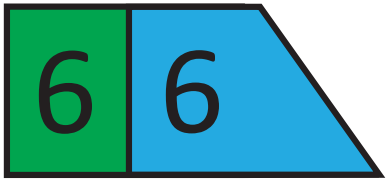
How would you pay for all three items? Suggest two different ways.

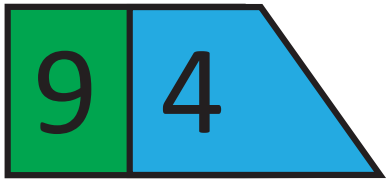
Addition and subtraction problems

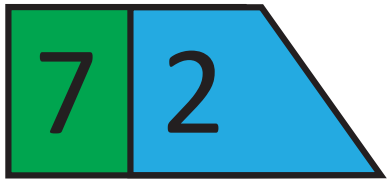
Sheet 1

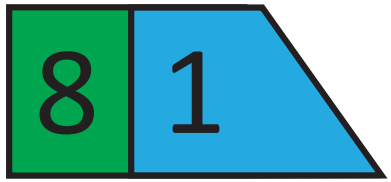
Partition each number. Write the place value addition sentence to go with each.

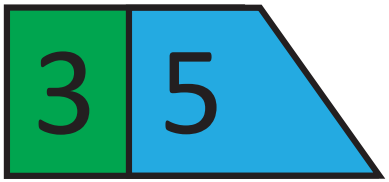


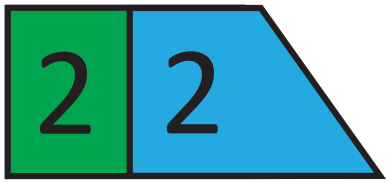












Challenge

Which numbers are odd? Which numbers are even?

Addition and subtraction problems

Sheet 2

Answer these problems.

40 + 3 = ☐	83 - 3 = ☐
50 + 7 = ☐	34 - 30 = ☐
90 + 2 = ☐	59 - 9 = ☐
60 + 5 = ☐	27 - 7 = ☐
30 + 9 = ☐	78 - 70 = ☐

Challenge

Write the missing operations in the boxes.

63 ☐ 3 = 60

40 ☐ 8 = 48

9 ☐ 50 = 59

72 ☐ 2 = 70

27 = 7 ☐ 20

Addition and subtraction problems

Sheet 3

Answer these problems.

60 + ☐ = 65

63 ☐ 3 = 60

40 ☐ 8 = 48

☐ + 4 = 94

78 - ☐ = 70

☐ - 2 = 30

30 + 9 = ☐

9 ☐ 50 = 59

72 ☐ 2 = 70

27 = 7 ☐ 20

85 - ☐ = 80

71 = 1 + ☐

Challenge

Complete the missing number sentences, only using multiples of 10,
e.g. 20 + 10 + 7 = 37

☐ + ☐ + 6 = 26

☐ + 5 + ☐ = 55

2 + ☐ + ☐ = 42

71 = ☐ + ☐ + 1

Are there more odd or even numbers? Can you explain your findings?

Place value

Answers

Day 1 Counting in 10s Sheet 1

Start on	Finish on	Number of jumps of 10
3	43	4
7	57	5
5	65	6
9	39	3
6	86	8

Day 1 Counting in 10s Sheet 2

24, 34, 44, 54, 64

15, 25, 35, 45, 55

46, 56, 66, 76, 86

51, 61, 71, 81, 91

7, 17, 27, 37, 47

9, 19, 29, 39, 49, 59

Challenge

50 = 5 tens

30 =3 tens

70 =7 tens

60 =6 tens

20 =2 tens

80 =8 tens

40 =4 tens

90 =9 tens

Day 1 Place value addition and subtraction Sheet 3

5 + 60 = 65

37 - 7 = 30

9 + 40 = 49

72 - 2 = 70

6 + 50 = 56

98 - 8 = 90

9 + 60 = 69

47 - 7 = 40

80 + 3 = 83

59 - 9 = 50

Challenge

10 + 51 = 61

20 + 25 = 45

30 + 37 = 67

14 + 20 = 34

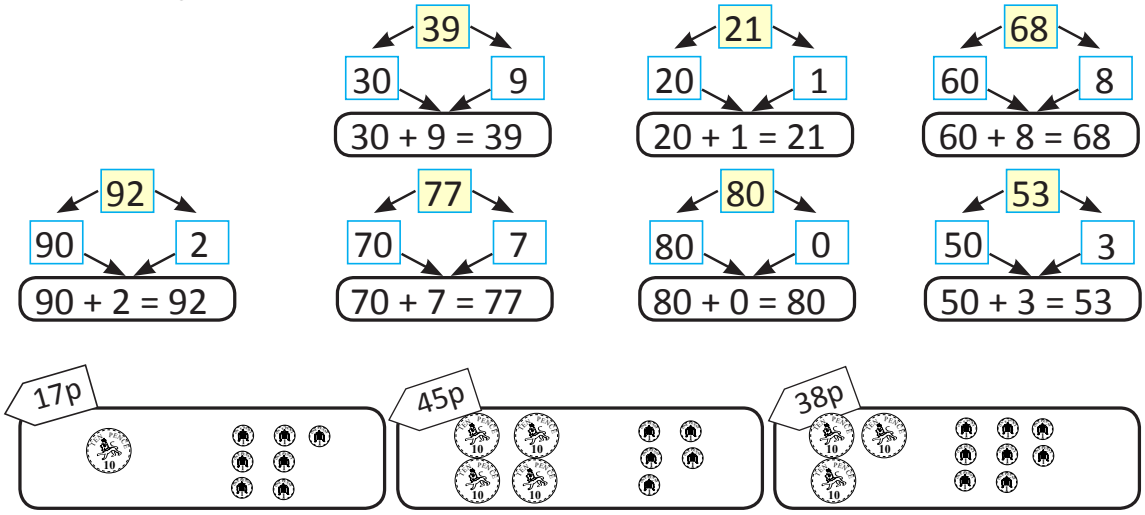
25 + 30 = 55

52 + 40 = 92

Place value

Answers

Day 2 2-digit numbers and number sentences Sheet 1



Day 3 Addition and subtraction problems Sheet 1

odd even

40 + 6 = 46	50 + 9 = 59	60 + 6 = 66	90 + 4 = 94
70 + 2 = 72	80 + 1 = 81	30 + 5 = 35	20 +2 = 22

Day 3 Addition and subtraction problems Sheet 2

40 + 3 =	43	83 - 3 =	80
50 + 7 =	57	34 - 30 =	4
90 + 2 =	92	59 - 9 =	50
60 + 5 =	65	27 - 7 =	20
30 + 9 =	39	78 - 70 =	8

Challenge

63 - 3 = 60

40 + 8 = 48 9 + 50 = 59

72 - 2 = 70 27 = 7 + 20

Day 3 Addition and subtraction problems Sheet 3

60 + 5 = 65	63 − 3 = 60
40 + 8 = 48	90 + 4 = 94
78 - 8 = 70	32 - 2 = 30
30 + 9 = 39	9 + 50 = 59
72 − 2 = 70	27 = 7 + 20
85 - 5 = 80	71 = 1 + 70

Place value

Answers

Day 3 Addition and subtraction problems Sheet 3 (continued)

Challenge

10 + 10 + 6 = 26

2 + 10 + 30 = 42 *or* 2 + 20 + 20 = 42

20 + 5 + 30 = 55 *or* 10 + 5 + 40 = 55

71 = 50 + 20 + 1 *or* 71 = 40 + 30 *or* 71 = 60 + 10 + 1