

Y1/2 Place value and number Unit 1 (12412)

Additional teacher instructions for practice sheets

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

Day 1 Y1 Place value Sheet 1

Working towards ARE / Working at ARE / Greater Depth

Day 1 Y2 Place value Sheet 2

Working towards ARE / Working at ARE / Greater Depth

Day 2 Y1 Find the numbers Sheet 1

Working towards ARE / Working at ARE

Day 2 Y1 Find the numbers Sheet 2

Greater Depth

Day 2 Y2 Finding inequalities Sheet 3

Working towards ARE

Day 2 Y2 Finding inequalities Sheet 4

Working at ARE / Greater Depth

Day 3 Y1 In between numbers Sheet 1

Working towards ARE

Day 3 Y1 In between numbers Sheets 2 and 3

Working at ARE / Greater Depth

Greater Depth fill in two numbers between each pair.

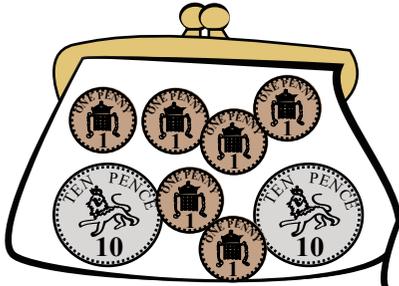
Day 3 Y2 Rounding prices Sheet 4

Working towards ARE / Working at ARE / Greater Depth

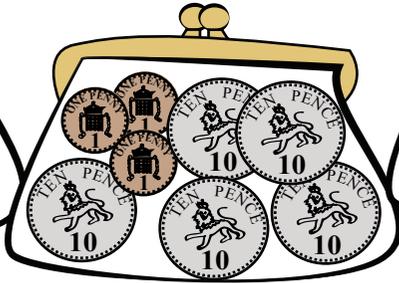
Place value

Sheet 1

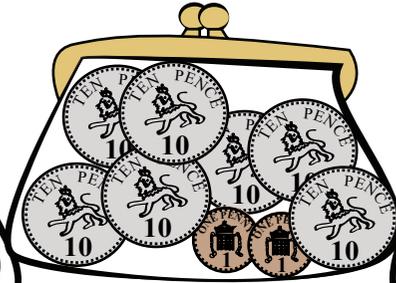
Write the amount of money in each purse.



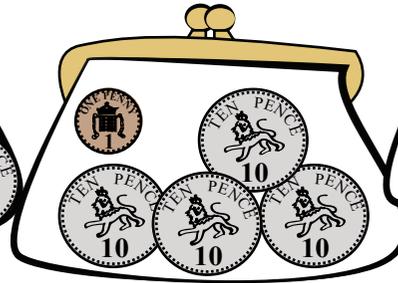
p



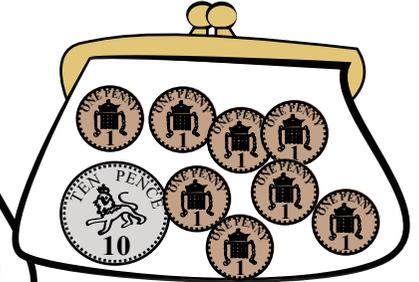
p



p

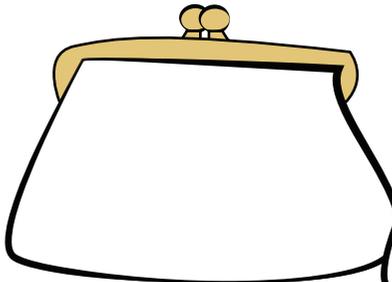


p

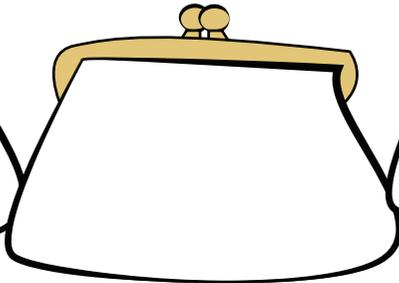


p

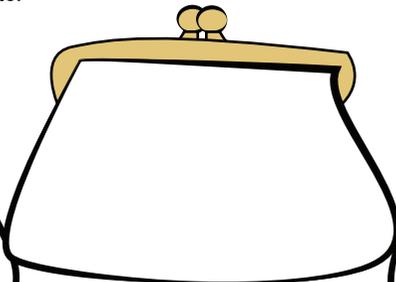
Draw the amount of money using 10p and 1p coins.



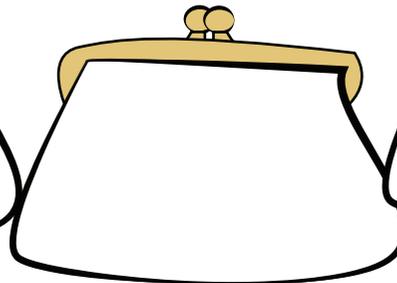
12p



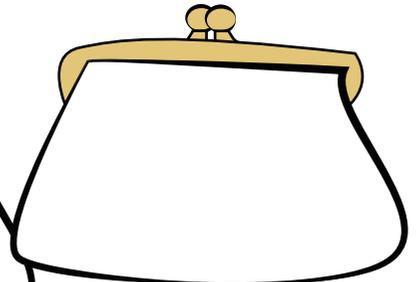
45p



36p



52p



24p

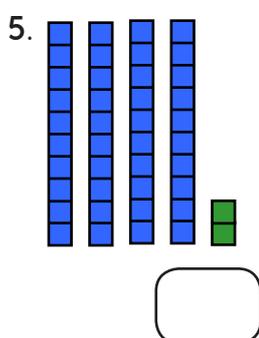
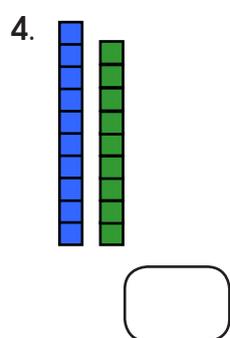
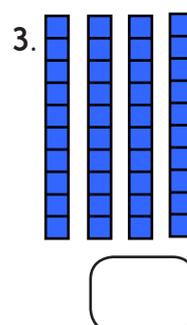
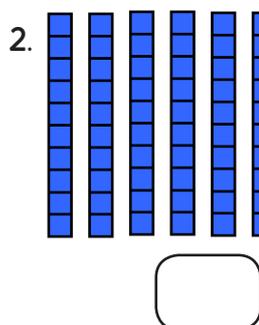
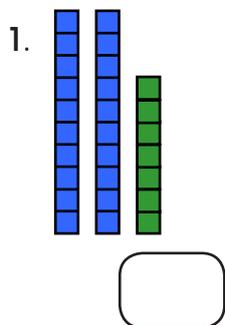
Challenge

Draw an amount between 60p and 70p.

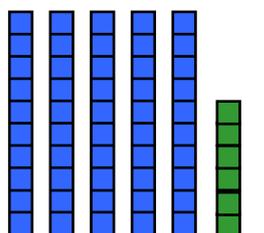
Place value

Sheet 2

Write the number below each picture.



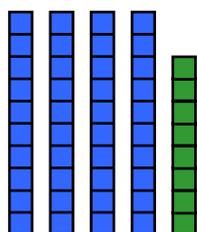
Complete these additions.



$$56 = 50 + \text{[]}$$

$$85 = 80 + \text{[]}$$

$$72 = 70 + \text{[]}$$



$$48 = \text{[]} + 8$$

$$37 = \text{[]} + 7$$

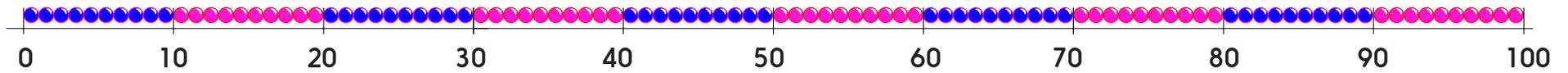
$$29 = \text{[]} + 9$$

Challenge

Draw 10s and 1s to show a 2-digit number smaller than any on this page.
 Draw 10s and 1s to show a 2-digit number bigger than any on this page.

Find the numbers

Sheet 1

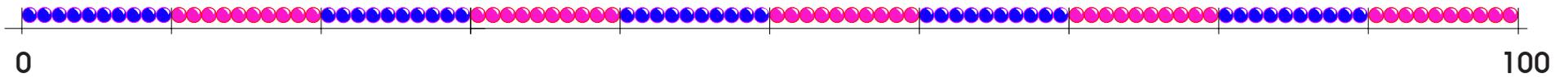


Mark these numbers on the line:

23 58 75 12 61 83 88 24 32 47

Find the numbers

Sheet 2



Mark these numbers on the line:

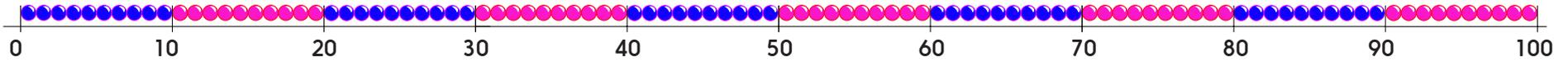
23 58 75 12 61 83 79 24 32 47 96

Challenge

Draw three arrows on the line. Ask your partner to write the numbers they show.

Finding inequalities

Sheet 3



Mark each number on your beaded line.

Suggest a number that it is more than and a number that it is less than.

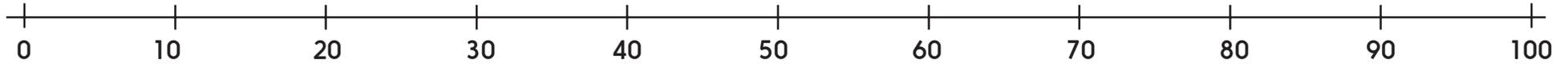
Number to mark on beaded line	My number is more than >	My number is less than <
22	$22 > 19$	$22 < 25$
47		
35		
51		
26		
39		
14		
	<input type="text"/> > 93	<input type="text"/> < 100
	<input type="text"/> > 71	<input type="text"/> < 73

Challenge

Suggest two numbers for the last two rows.

Finding inequalities

Sheet 4



Mark the numbers on the landmarked line and complete the table.

Suggest some more of your own for the last four rows.

Challenge

Try to create a loop using alternate $<$ and $>$ signs so that the start and finish numbers are the same, e.g.

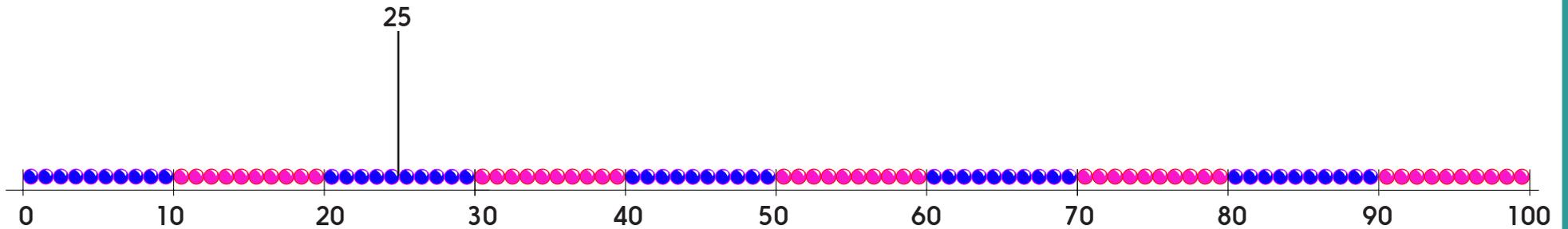
$$23 < 32 > 21 < 23$$

Number to mark on beaded line	My number is more than $>$	My number is less than $<$	My number lies between these multiples of 10:
62	$62 > 52$	$62 < 65$	60 and 70
57			
14			
81			
45			
26			
73			
39			
98			
	<input type="text"/> > 76	<input type="text"/> < 83	
			110 and 120

In between numbers

Sheet 1

Mark on a number between every pair of neighbouring 10s numbers.
One has been done for you.

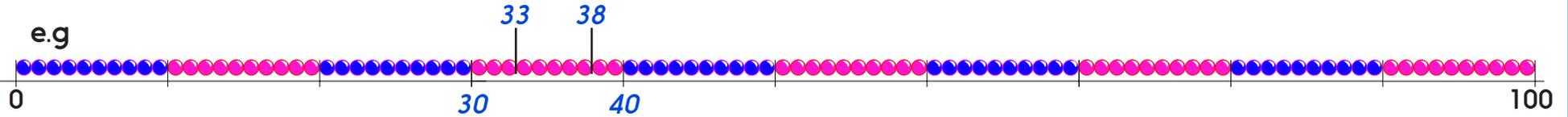


In between numbers

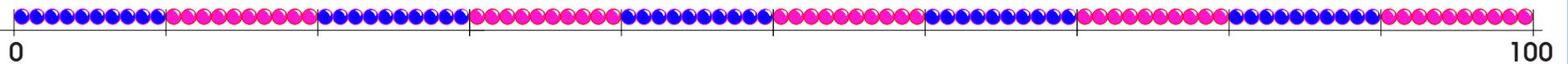
Sheet 2

Find the two 10s numbers on each beaded line. Write them in the correct place.
Mark two numbers between them.

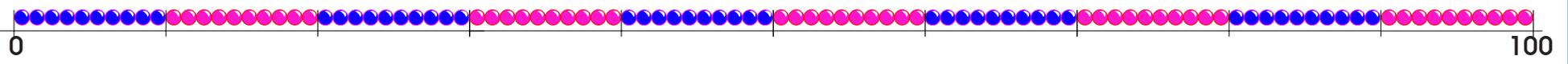
e.g



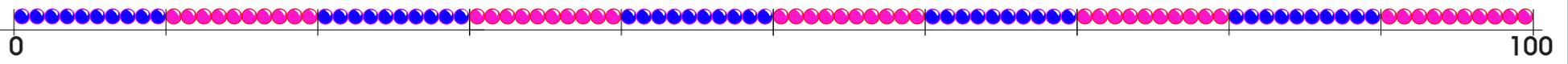
30 and 40.



60 and 70.



80 and 90.



40 and 50.

In-between numbers

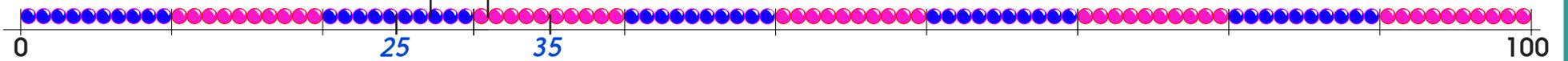
Sheet 3

Find the two numbers on each beaded line. Write them in the correct place.

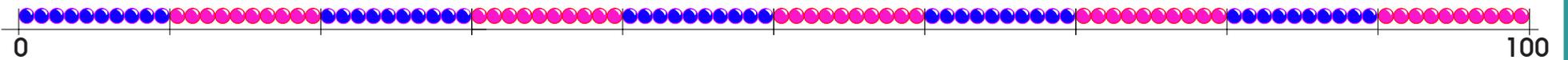
Mark two numbers between them.

e.g. 25 and 35.

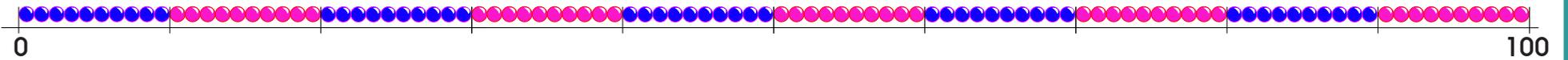
27 31



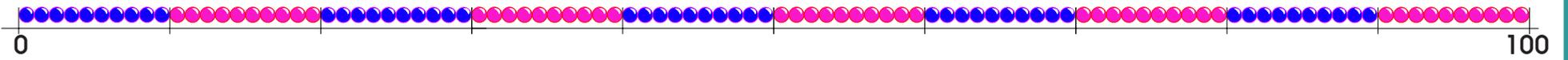
55 and 65.



88 and 98.



36 and 46.



Rounding prices

Sheet 4

What multiple of 10p would you round each price to?

Book shop

33p

14p

56p

32p

29p

45p

Supermarket

53p

44p

58p

72p

99p

65p

81p

55p

97p

Challenge

Three items cost 24p, 13p and 34p.

Round them each to the nearest 10p then add the rounded numbers.

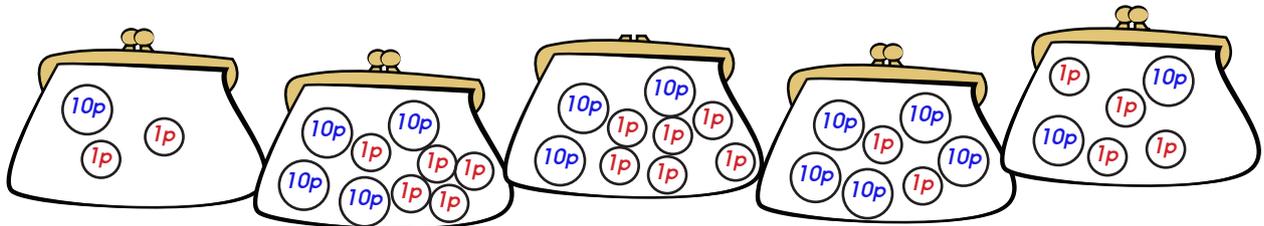
What is the difference between the total of the rounded prices and the total of the actual prices?

Place value and number

Answers

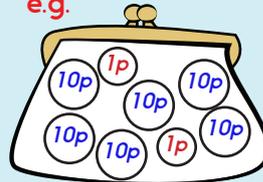
Day 1 Y1 Place value Sheet 1

26p, 53p, 72p, 41p, 18p



Challenge

Children draw amounts between 60p and 70p using only 10p and 1p coins, e.g. 61p, 62p, 63p, 64p, 65p, 66p, 67p, 68p or 69p. e.g.



Day 1 Y2 Place value Sheet 2

1. 27 2. 83 3. 55 4. 19 5. 42

$$56 = 50 + 6$$

$$85 = 80 + 5$$

$$72 = 70 + 2$$

$$48 = 40 + 8$$

$$37 = 30 + 7$$

$$29 = 20 + 9$$

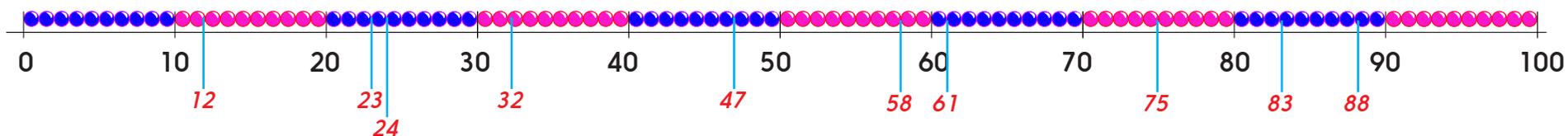
Challenge

Children should draw sticks of 10s and 1s to show a number smaller than 19 and a number bigger than 83.

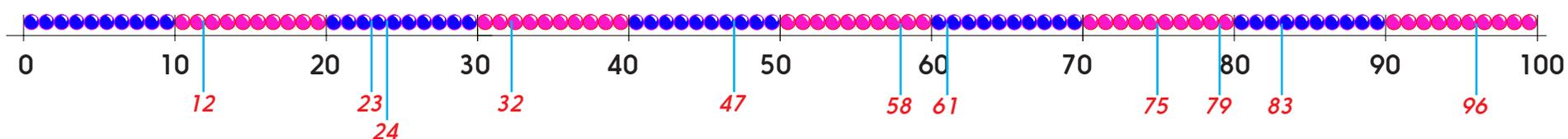
Place value and number

Answers

Day 2 Y1 Find the numbers Sheet 1



Day 2 Y1 Find the numbers Sheet 2



Day 2 Y2 Finding inequalities Sheet 3

Many possible answers. Accept any correct answers.

Challenge

The number given should be in the range 94-99 inclusive.
The number given should be 72.

Day 2 Y2 Finding inequalities Sheet 4

Many possible answers. Accept any correct answers.

Day 3 Y1 In between numbers Sheet 1

Many possible answers. Accept any correct answers.

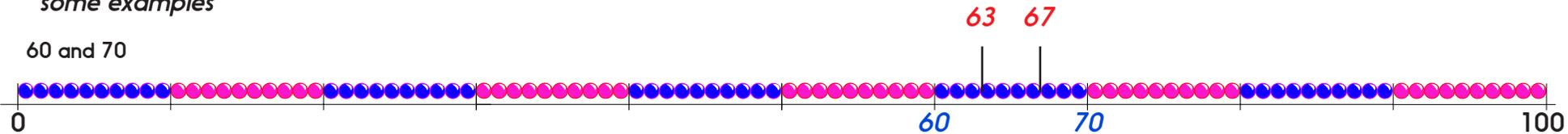
Place value and number

Answers

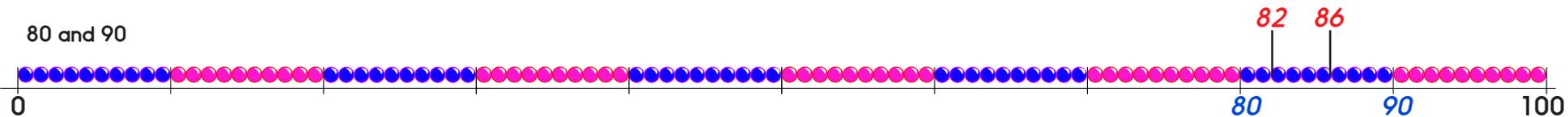
Day 3 Y1 In between numbers Sheet 2

some examples

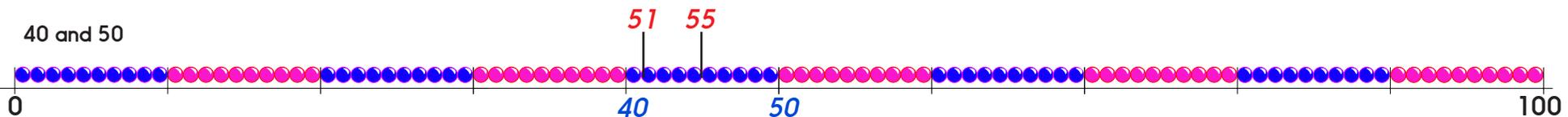
60 and 70



80 and 90



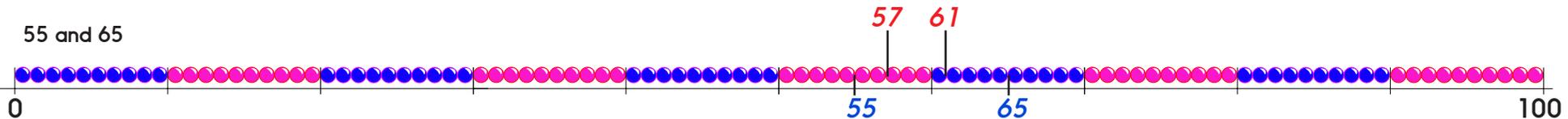
40 and 50



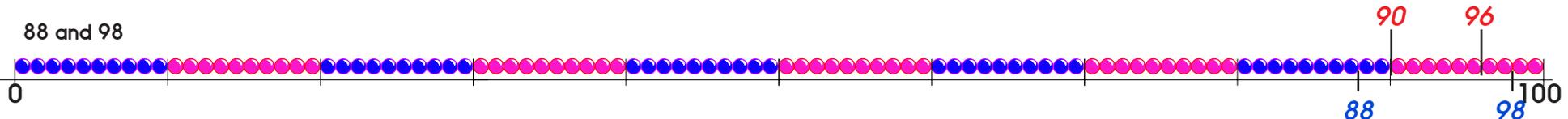
Day 3 Y1 In between numbers Sheet 3

some examples

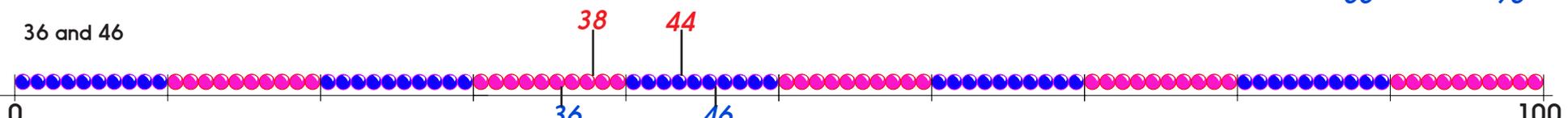
55 and 65



88 and 98



36 and 46



Place value and number

Answers

Day 3 Y2 Rounding prices Sheet 4

Book shop

33p rounds to 30p

14p rounds to 10p

56p rounds to 60p

32p rounds to 30p

29p rounds to 30p

45p rounds to 50p

Supermarket

53p rounds to 50p

44p rounds to 40p

58p rounds to 60p

72p rounds to 70p

99p rounds to £1

65p rounds to 70p

81p rounds to 80p

Challenge

Three items cost 24p, 13p and 34p. Round them each to the nearest 10p then add the rounded numbers. $20p + 10p + 30p = 60p$

What is the difference between the total of the rounded prices and the total of the actual prices? $24p + 13p + 34p = 71p$ The difference is $71p - 60p = 11p$