

Yr 2 Place value and fractions Unit 1 (2521)

Additional teacher instructions for practice sheets

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

Day 1 Ordinal numbers Sheet 1

Working towards ARE

Day 1 Ordinal numbers Sheet 2

Working at ARE

Greater Depth should attempt challenge

Day 2 Finding inequalities Sheet 1

Working towards ARE

Day 2 Finding inequalities Sheet 2

Working at ARE: Complete given numbers and try some of their own

Greater Depth: Complete sheet and try the challenge

Day 3 Rounding prices Sheet 1

Working at ARE: Complete using a landmarked line

Working towards ARE: Complete the first set using a beaded line and start second set

Greater Depth attempt this without a line

Day 4 Rounding up and down to a ten Sheet 1

Working at ARE: Complete green and red and try yellow

Working towards ARE: Complete green then try red

Greater Depth: Complete all and try challenge

Ordinal numbers

Sheet 1

Answer the questions about these coloured circles:



Which colour is third?

Which colour is 5th?

Which colour is second?

Which colour is 8th?

Which colour is first?

Which colour is fourth?

Which colour is 7th?

Which colour comes after the 9th?

Which colour comes between the 8th and 10th?

Now colour these circles to match the descriptions:



The third circle is green.

The fifth circle is blue.

The first circle is red.

The fourth circle is black.

The sixth and ninth circles are purple.

The tenth circle is the same colour as the first.

The circle that comes after the first circle is orange.

The circles between the sixth and ninth circles are pink.

Ordinal numbers

Sheet 2



Which colour is fifth?

Which colour is fifteenth?

Which colour is 3rd?

Which colour comes after the eleventh?

Which colour comes before the seventh?

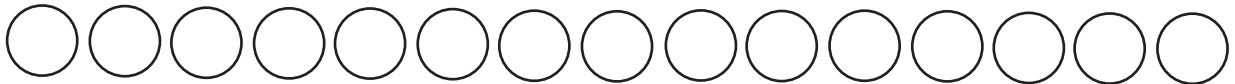
Which colour comes two after the twelfth?

Which colour comes before the 2nd?

Which colour comes between the eighth and the tenth?

Which colour comes between the thirteenth and fifteenth?

Now colour these circles to match the descriptions:



The colour that comes after the fourth circle is green.

The twelfth colour is red.

The colour that comes between the sixth and eighth circle is red.

The colour that comes two before the twelfth is green.

The first and second colours are the same as the ninth colour.

The 2 colours that come between the second and fifth circle are purple.

The colour that comes before the ninth circle is the same as the fifth.

The colour that comes before the tenth circle is blue.

The colour that comes after the fifth colour is orange.

The colour that comes after the tenth is the same as the colour that comes before the tenth.

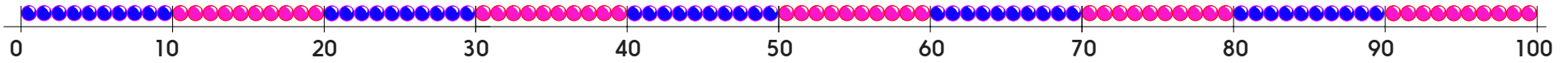
The 2 colours that come between the twelfth and fifteenth circle are brown. The fifteenth circle is yellow.

Challenge

Create your own colouring instructions for a friend to try.

Finding inequalities

Sheet 1



Mark each number on your beaded line. Suggest a number that it is greater than and a number that it is less than.

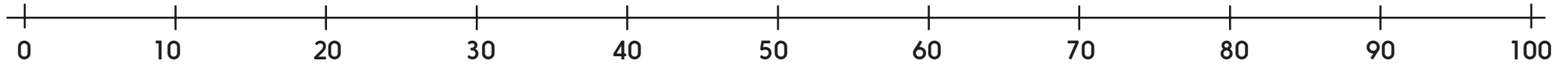
Number to mark on beaded line	My number is greater than >	My number is less than <
22	$22 > 19$	$22 < 25$
47		
35		
51		
26		
39		
14		
	<input type="text"/> > 93	<input type="text"/> < 100
	<input type="text"/> > 71	<input type="text"/> < 72

Challenge

Suggest two numbers for the last two rows.

Finding inequalities

Sheet 2



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

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

Number to mark on beaded line	My number is greater 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"/>			
	<input type="text"/> > 76	<input type="text"/> < 83	
<input type="text"/>			
			110 and 120

Challenge

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

$$23 < 32 > 21 < 23$$

Rounding prices

Sheet 1

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?

Rounding up and down to a ten

Sheet 1

Write 6 numbers that will round to each of the following:

Remember some will round up and others will round down.

20

30

40

50

60

70

80

90

100

Challenge

Look at the numbers you have suggested and reverse the digit order of each (e.g. if you chose 19 and 23 for the first answer, 19 would become 91 and 23 would become 32). What would they round to now?

Place value and fractions

Answers

Day 1 Ordinal numbers Sheet 1



Which colour is third?



Which colour is 5th?



Which colour is second?



Which colour is 8th?



Which colour is first?



Which colour is fourth?



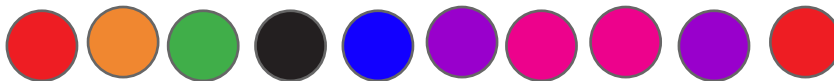
Which colour is 7th?



Which colour comes after the 9th?



Which colour comes between the 8th and 10th?



Day 1 Ordinal numbers Sheet 2



Which colour is fifth?



Which colour is fifteenth?



Which colour is 3rd?



Which colour comes after the eleventh?



Which colour comes before the seventh?



Which colour comes two after the twelfth?



Which colour comes before the 2nd?



Which colour comes between the eighth and the tenth?



Which colour comes between the thirteenth and fifteenth?



Place value and fractions

Answers

Day 1 Ordinal numbers Sheet 2 continued



Day 2 Finding inequalities Sheet 1

Many possible answers. Accept any correct answers.

Challenge

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

Day 2 Finding inequalities Sheet 2

Many possible answers. Accept any correct answers.

Day 3 Rounding prices Sheet 1

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

55p rounds to 60p

97p rounds to £1

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 $71p - 60p = 11p$

Day 4 Rounding up and down to a 10 Sheet 1

Many possible answers. Accept any correct answers.