

Y1/2 Place value Unit 3 (12142)

Additional teacher instructions for practice sheets

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

Day 1 Y1 Numbers on a line of beads Sheet 1

Working towards ARE

Day 1 Y1 Numbers on a line of beads Sheet 2

Working at ARE / Greater Depth

Day 1 Y2 Placing numbers on a line Sheet 3

Working towards ARE

Day 1 Y2 Placing numbers on a line Sheet 4

Working at ARE / Greater Depth

Day 2 Y1 Place value Sheet 1

Working towards ARE / Working at ARE / Greater Depth

Day 2 Y2 Comparing numbers Sheet 2

Working towards ARE

Day 2 Y2 Comparing numbers Sheet 3

Working at ARE / Greater Depth

Day 3 Y1 Counting in 10s Sheet 1

Working towards ARE / Working at ARE / Greater Depth

Working towards ARE complete at least the first four questions. Provide a 100 square to help.

Day 3 Y2 Spider counting Sheet 2

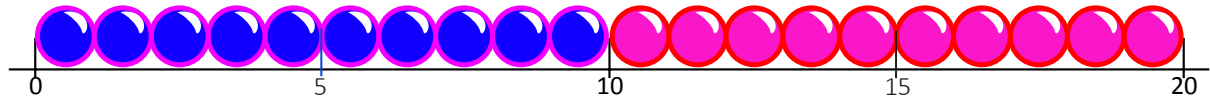
Working towards ARE / Working at ARE / Greater Depth

Greater Depth aim to complete the Challenge.

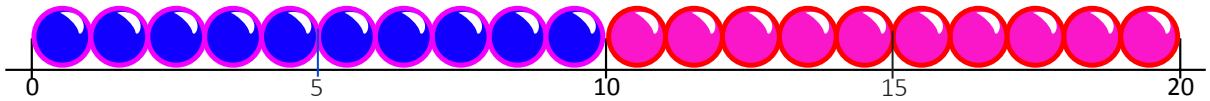
Numbers on a line of beads

Sheet 1

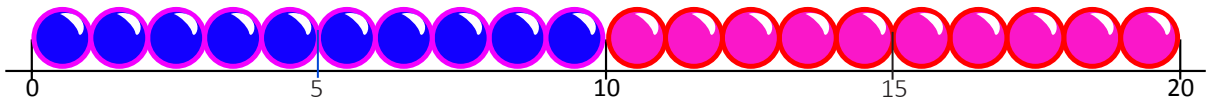
Draw tags to show 6, 11 and 16.



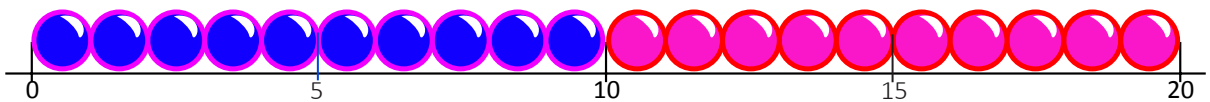
Draw tags to show 4, 9, 14 and 19.



Draw tags to show 7, 13 and 17.



Draw tags to show 3, 8, 12 and 18.

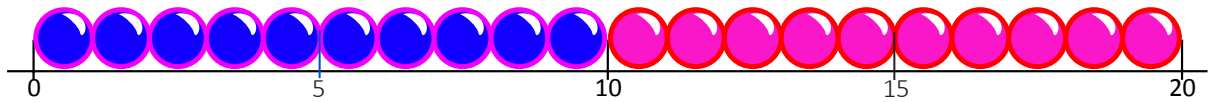


Draw your own line of beads. Mark a number.

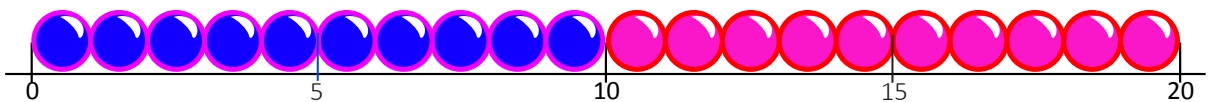
Numbers on a line of beads

Sheet 2

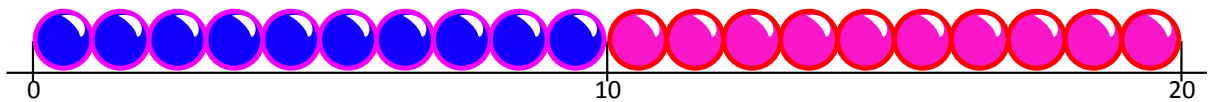
Draw tags to show 6, 11, 16 and 19.



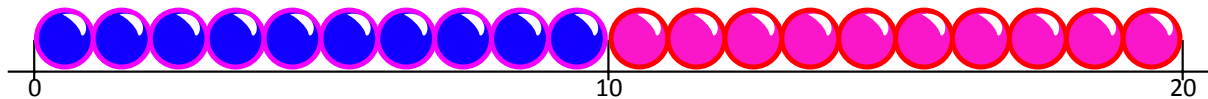
Draw tags to show 7, 12, 14 and 17.



Draw tags to show 3, 6, 9, 12, 15 and 18.



Draw tags to show 4, 6, 9, 11, 14, 16 and 19.

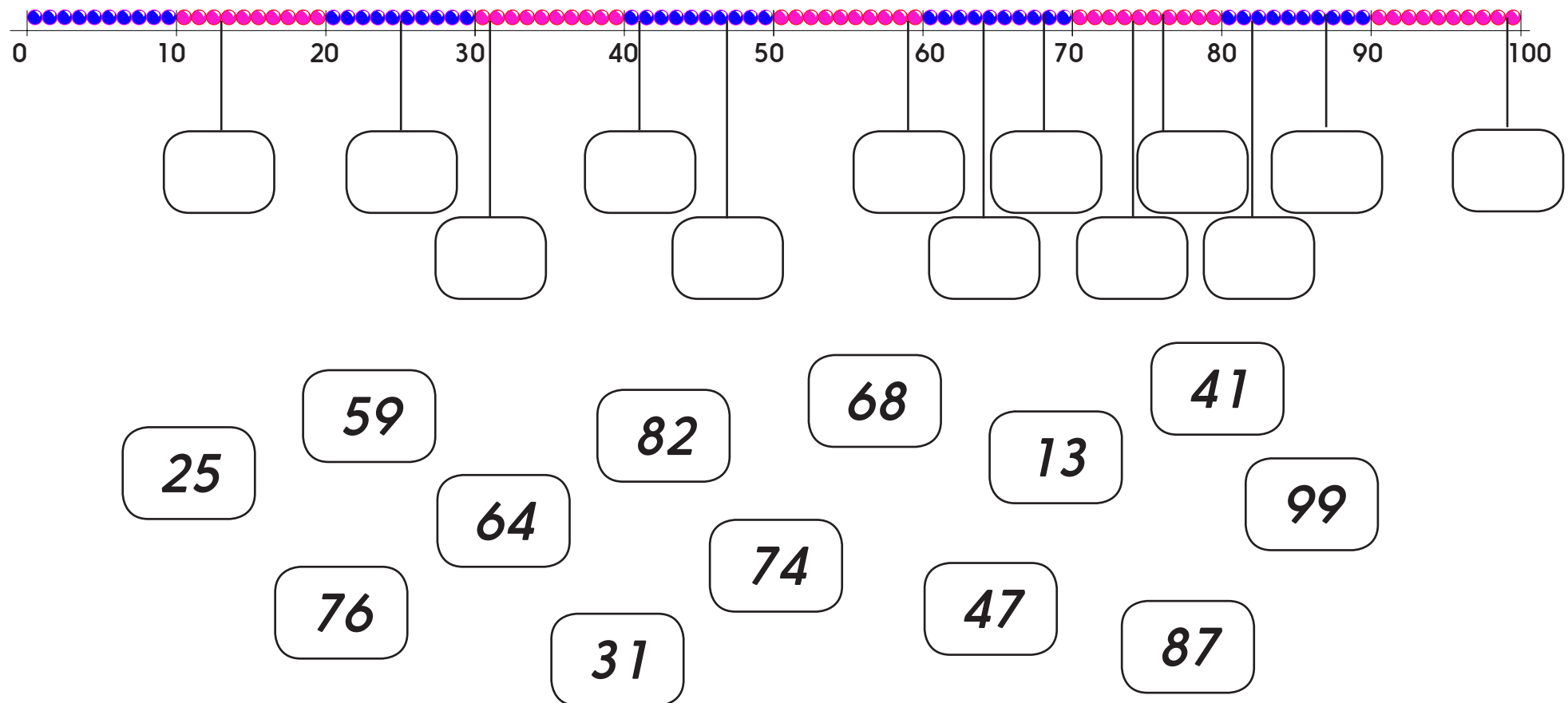


Draw your own line of beads. Mark a number.

Placing numbers on a line

Sheet 3

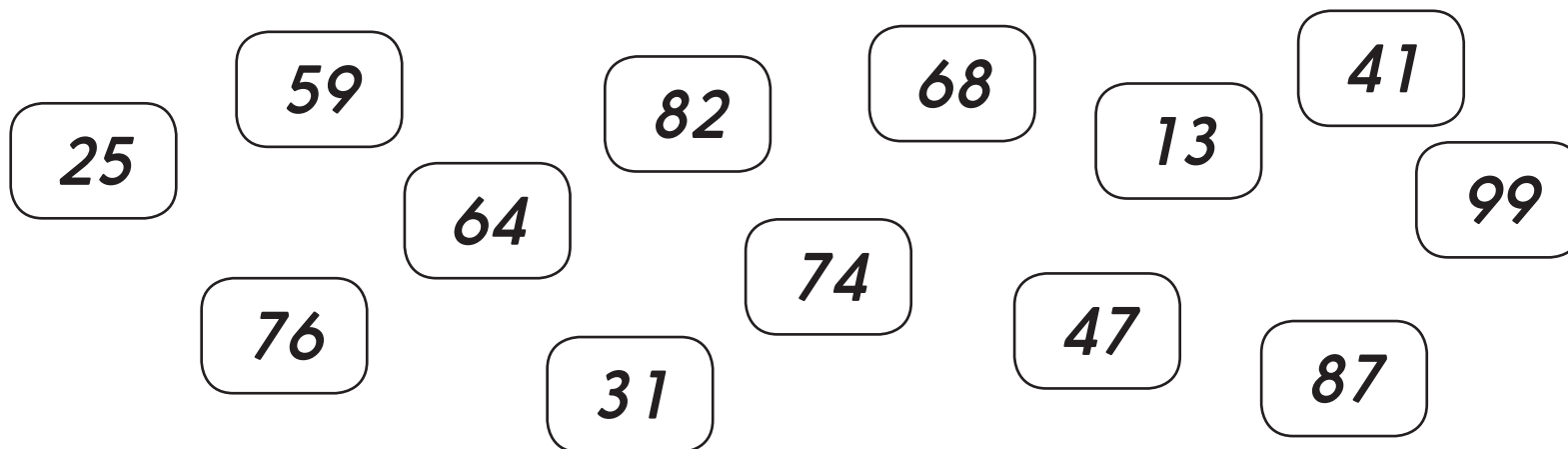
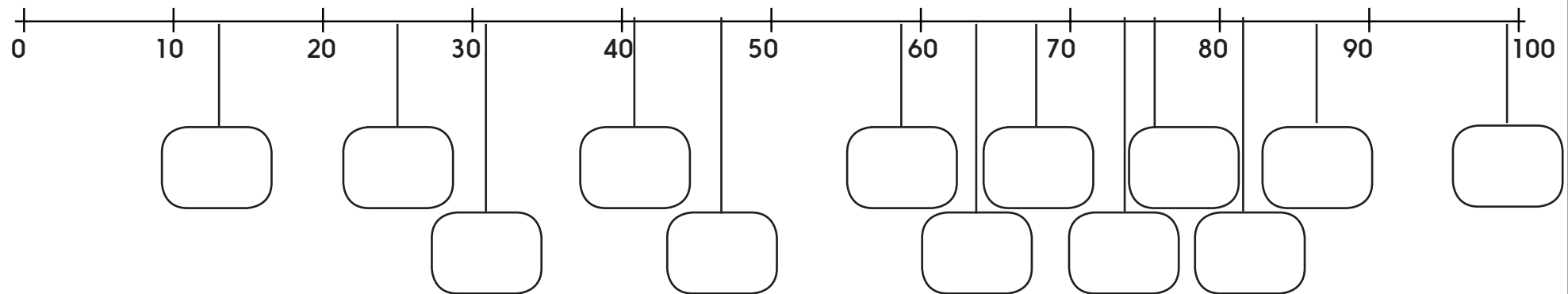
Use the numbers on the tags to label the marks on the line.



Placing numbers on a line

Sheet 4

Join the tags to the correct marks on the line.

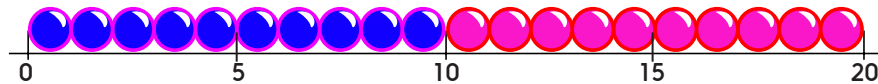


Place Value

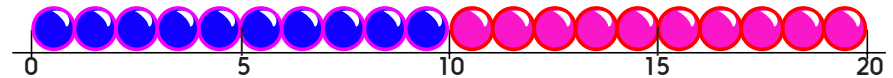
Sheet 1

Draw tags to show the numbers. Write a number between each pair and draw a tag on the line for it.

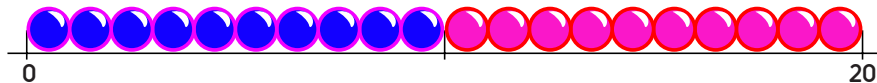
Draw tags to show 6 and 11.



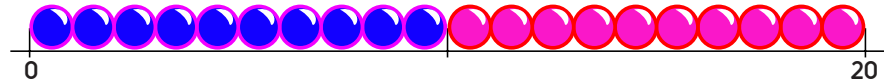
Draw tags to show 16 and 19.



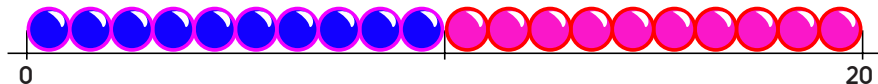
Draw tags to show 4 and 10.



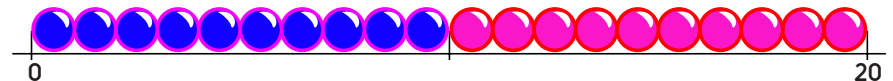
Draw tags to show 14 and 18.



Draw tags to show 9 and 13.



Draw tags to show 15 and 16.



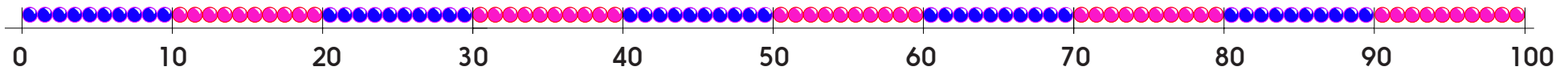
Challenge

Find the mystery 2-digit numbers:

1. I am less than 20. My two digits add up to 9.
2. One of my digits is 1 more than the other.

Comparing numbers

Sheet 2



Write $>$ or $<$ between each pair of numbers.
 If you are unsure, mark them on the beaded line to help.
 Remember Crocodile eats the bigger number of fish!



1. 34 62
2. 95 27
3. 75 39
4. 18 81
5. 37 42
6. 84 48

Write the numbers in order,
 smallest first.

7. 47, 24, 82 _____, _____, _____
8. 19, 90, 56 _____, _____, _____
9. 74, 25, 47 _____, _____, _____
10. 38, 71, 34 _____, _____, _____

Comparing numbers

Sheet 3

Write $>$ or $<$ between each pair of numbers.
Remember Crocodile eats the bigger number of fish!

1. 34 62

2. 95 27

3. 75 39

4. 18 81

5. 37 42

6. 84 48

Write a number which belongs in
between each pair of numbers.

7. 30 40

8. 20 50

9. 46 82

10. 57 65

11. 90 80

12. 74 36



Challenge

Use digits 2, 4 and 6 to make this true. $5 \square > \square \square$.
Is there another correct answer?

Counting in tens

Sheet 1

10, 20, 30,

30, 40, 50,

20, 30, , 50

40, 50, 60,

50, , 70, 80

60, , 80, 90

70, 80, , 100

Spider counting

Sheet 2

Fill in the missing numbers:

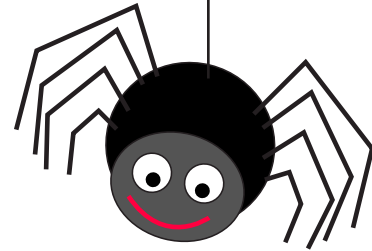
5
15
25
45
55
75
95

3
13
23
53
63
83

7
17
37
47
67
97

9
29
49
79

2
32
42
62



Challenge

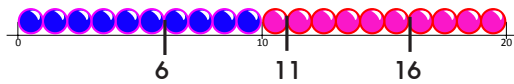
If you start spider counting at 8, will you ever reach 45?
Will you ever reach 88? Will you ever reach 67?

Place value

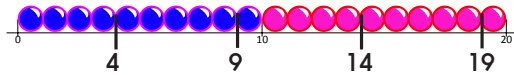
Answers

Day 1 Y1 Numbers on a line of beads Sheet 1

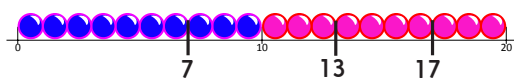
Draw tags to show 6, 11 and 16



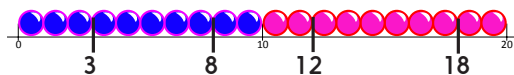
Draw tags to show 4, 9, 14 and 19



Draw tags to show 7, 13 and 17

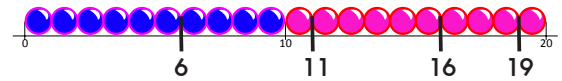


Draw tags to show 3, 8, 12 and 18

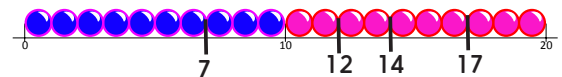


Day 1 Y1 Numbers on a line of beads Sheet 2

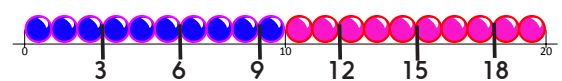
Draw tags to show 6, 11, 16 and 19



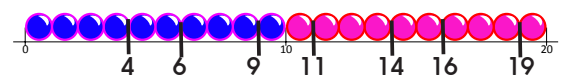
Draw tags to show 7, 12, 14 and 17



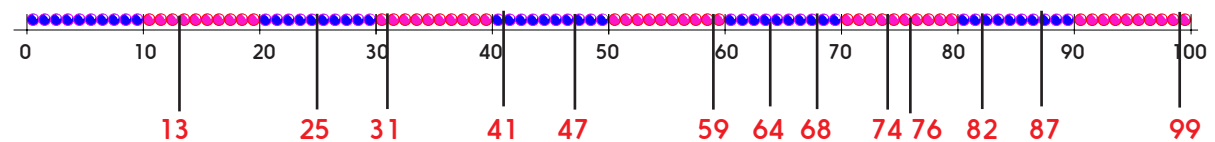
Draw tags to show 3, 6, 9, 12, 15 and 18



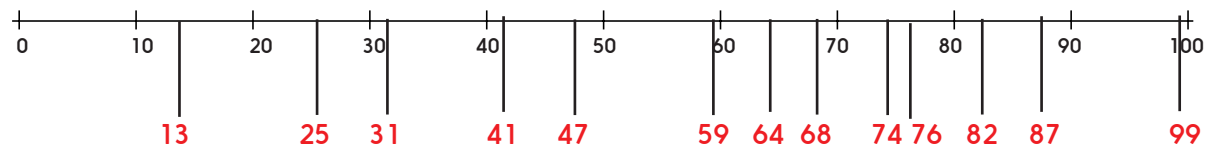
Draw tags to show 4, 6, 9, 11, 14, 16 and 19



Day 1 Y2 Placing numbers on a line Sheet 3



Day 1 Y2 Placing numbers on a line Sheet 4

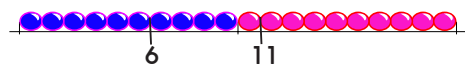


Place value

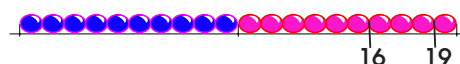
Answers

Day 2 Y1 Place value Sheet 1

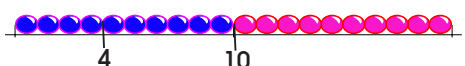
Draw tags to show 6 and 11



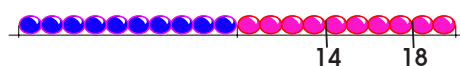
Draw tags to show 16 and 19



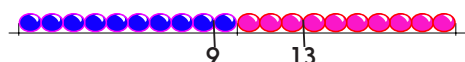
Draw tags to show 4 and 10



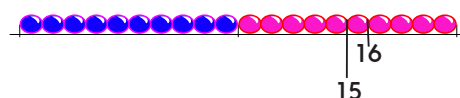
Draw tags to show 14 and 18



Draw tags to show 9 and 13



Draw tags to show 15 and 16



Challenge

Find the mystery 2-digit numbers:

1. I am less than 20. My two digits add up to 9. 18
2. One of my digits is 1 more than the other. 12

Day 2 Y2 Comparing numbers Sheet 2

1. $34 < 62$
2. $95 > 27$
3. $75 > 39$
4. $18 < 81$
5. $37 < 42$
6. $84 > 48$
7. 47, 24, 82 24, 47, 82
8. 19, 90, 56 19, 56, 90
9. 74, 25, 47 25, 47, 74
10. 38, 71, 34 34, 38, 71

Day 2 Y2 Comparing numbers Sheet 3

1. $34 < 62$
2. $95 > 27$
3. $75 > 39$
4. $18 < 81$
5. $37 < 42$
6. $84 > 48$
7. $30 < \text{accept any numbers between 31 and 39} < 40$
8. $20 < \text{accept any numbers between 21 and 49} < 50$
9. $46 < \text{accept any numbers between 47 and 81} < 82$
10. $57 < \text{accept any numbers between 58 and 64} < 65$
11. $90 > \text{accept any numbers between 81 and 89} > 80$
12. $74 > \text{accept any numbers between 37 and 73} > 36$

Challenge

Use digits 2, 4 and 6 to make this true. $5\square > \square\square$.

Is there another correct answer?

There is more than one correct answer. Answers include:

$52 > 46$ or $54 > 26$ or $56 > 42$ or $56 > 24$

Place value

Answers

Day 3 Y1 Counting in 10s Sheet 1

10, 20, 30, **40**
 30, 40, 50, **60**
 23, 30, **40**, 50
 40, 50, 60, **70**
 50, **60**, 70, 80
 60, **70**, 80, 90
 70, 80, **90**, 100

Day 3 Y2 Spider counting Sheet 2

5				
15	3			
25	13	7		
35	23	17	9	
45	33	27	19	2
55	43	37	29	12
65	53	47	39	22
75	63	57	49	32
85	73	67	59	42
95	83	77	69	52
	93	87	79	62
		97	89	72
			99	82
				92

Challenge

If you start spider counting at 8, will you ever reach 45?

No, Spider counts in 10s so you won't reach 45, e.g. 8, 18, 28, 38, 48, etc.

Will you ever reach 88? **Yes you will reach 88, e.g. 8, 18, 28, 38, 48, 58, 68, 78, 88!**

Will you ever reach 67?

No, Spider counts in 10s and 67 is one less than 10 more than 58.