



100s, 10s and 1s (1)

1 What numbers are represented?

a) 

b) 

c)

Hundreds	Tens	Ones
		

2 Make each number using base 10

a) 426

b) 150

c) five hundred and thirty-two



3 Write each number in numerals.

a) four hundred and sixty-nine

b) three hundred and thirty-seven

c) nine hundred and fifty

d) eight hundred and three

4 Complete the sentences.

a) 348 is equal to 3 hundreds, tens and ones.

b) 673 is equal to hundreds, tens and ones.

c) 792 is equal to hundreds, 9 and 2 .

d) 308 is equal to 3 and 8 .

e) is equal to 7 hundreds, 5 tens and 1 one.

f) is equal to 8 hundreds and 2 ones.

5 Complete the number sentences.

a) $432 = 400 + 30 +$

$435 = 400 +$ $+$

$437 =$ $+$ $+$

b) $520 = 500 +$

$502 = 500 +$

c) $392 = 300 + 90 +$

$392 = 92 +$

$392 = 2 +$

6 What is the value of the 3 in each number?

a) 137 _____

b) 390 _____

c) 213 _____

d) 375 _____

7 a) Mo has 3 digit cards.

He makes a 3-digit number.

His number has 9 tens.

What numbers could Mo have made?


or

b) Aisha has some different digit cards.

Aisha makes a 3-digit number.

Write all the numbers that Aisha could make.

8 Ron is thinking of a number.

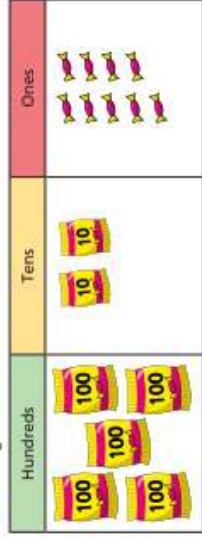
 My number has an even number of tens. There are 2 more hundreds than there are ones. One of the digits is a 6

Circle the numbers that Ron could be thinking of.

- 286 462 385
614 604 328

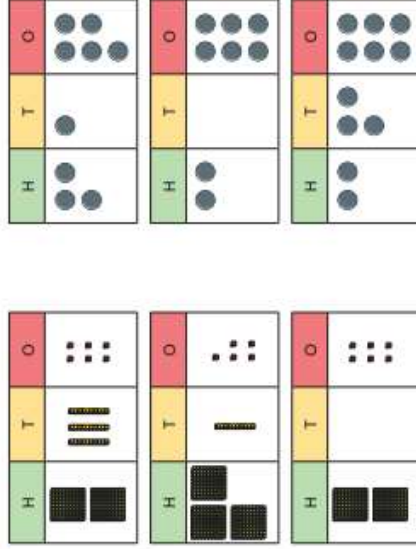
100s, 10s and 1s (2)

1 How many sweets are there?



There are sweets.

2 Match the place value charts.



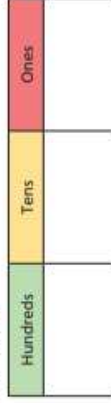
4 Make these numbers using counters.

Draw the counters on the place value charts.

a) 215



b) $300 + 70 + 8$



c) two hundred and seventy



5 Teddy is making numbers using 10 counters.

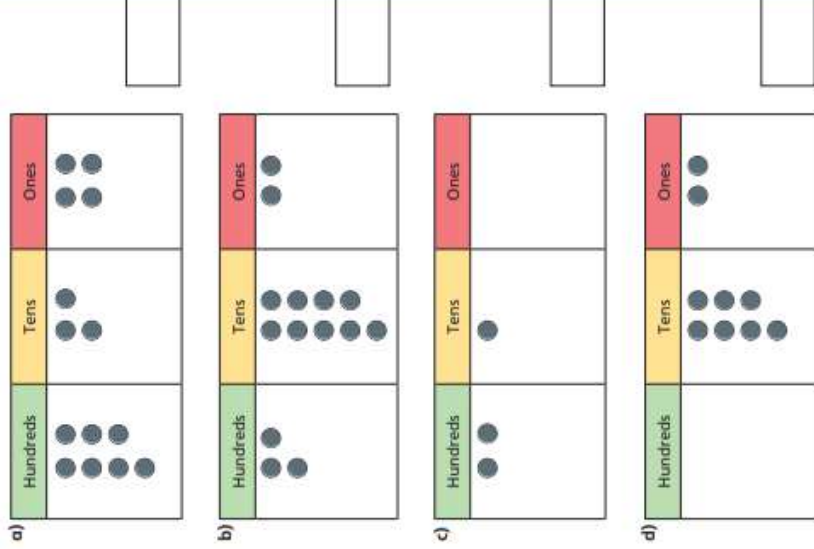


a) Draw 10 counters on the place value chart to show that Teddy can make the number 217

b) Write two more numbers Teddy can make.

c) What is the greatest number Teddy can make?

3 What numbers are represented?



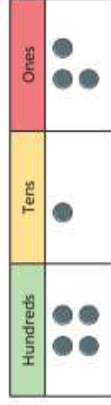
6 Whitney is thinking of a number.

My number has 5 hundreds, 3 ones and 8 tens.



The number Whitney is thinking of is 538. Is this statement true or false? Explain how you know.

7 Dani uses counters to make this number.

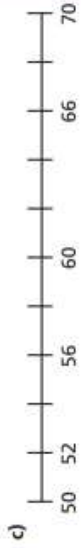
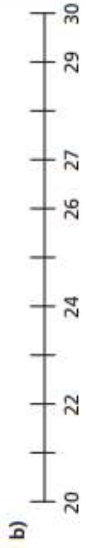


a) What number has Dani made?

b) Dani moves two of the counters. Which of these numbers can she make? Circle your answer.

- 233 613 800 215 224

1 Complete the number lines.



2



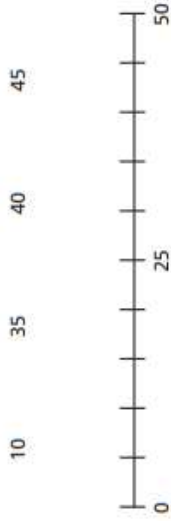
I think this number line goes up in 5s.

Ron

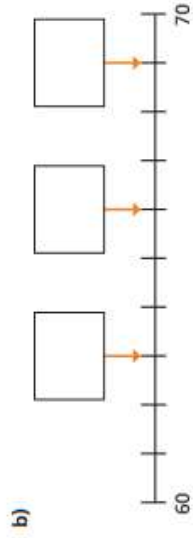
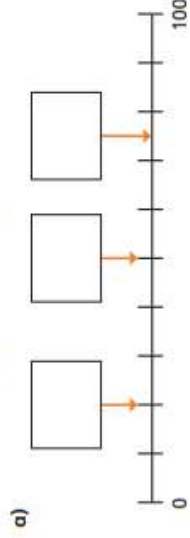


Show a partner that Ron is correct.

b)

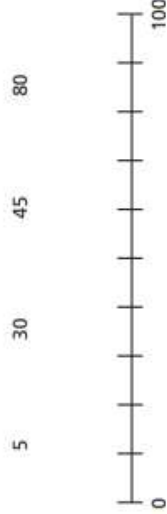


3 What numbers are the arrows pointing to?



4 Draw an arrow to show where each number belongs on the number line.

a)



6 Complete the number lines.

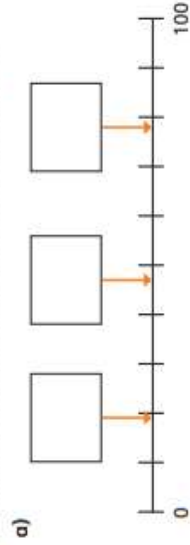
a)



b)



5 Estimate the numbers the arrows are pointing to.



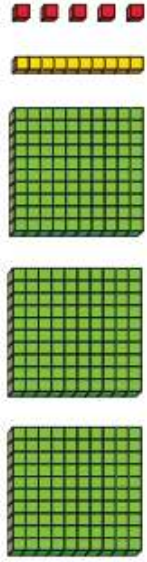
b)



How did you do this? Talk about it with a partner.

Find 1, 10, 100 more or less

1 Annie makes a number using base 10



- a) What number has Annie made?
Annie has made the number
- b) What is 100 more than Annie's number?
100 more than Annie's number is
- c) What is 10 more than Annie's number?
10 more than Annie's number is
- d) What is 1 more than Annie's number?
1 more than Annie's number is

4 What is 10 more than each of these numbers?

- a) 362 c) 703
- b) 180 d) 695

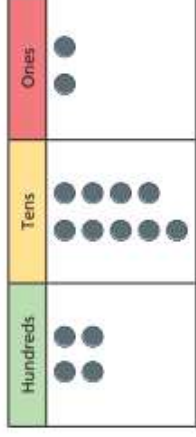
5 What is 10 less than each of these numbers?

- a) 789 c) 300
- b) 245 d) 404

6 Complete the sentences.

- a) 100 more than 763 is
- b) is 100 more than 765
- c) is 100 less than 503
- d) 1 less than 300 is
- e) 10 less than 109 is
- f) is 10 less than 972
- g) is 1 less than 699

2 What number is represented?



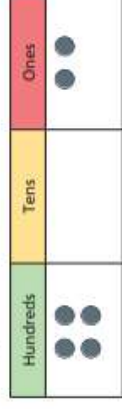
The number represented is

- a) What is 100 more than the number?
- What is 10 more than the number?
- What is 1 more than the number?
- b) What is 100 less than the number?
- What is 10 less than the number?
- What is 1 less than the number?

3 What is 100 more than each of these numbers?

- a) 700 c) 590
- b) 385 d) 47

7 Tom makes a number on a place value chart, but one of the counters slips off the chart.



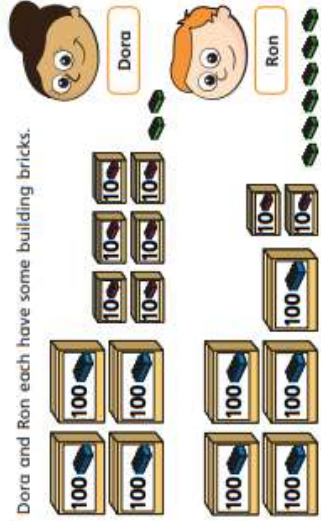
What could Tom's number have been?

8 Complete the table.

100 more	10 more	1 more	number	1 less	10 less	100 less
			473			
398						890

9 Kim thinks of a number.
100 less than Kim's number is 900
What is 10 less than Kim's number?

Compare objects



1 Dora and Ron each have some building bricks.

a) How many bricks does Dora have?

Dora has bricks

b) How many bricks does Ron have?

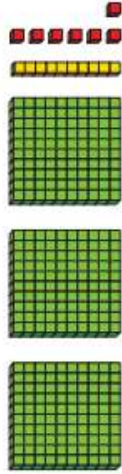
Ron has bricks.

c) Who has the greater number of bricks?

_____ has the greater number of bricks.

How do you know?

3 Esther makes a number using base 10



Amir also makes a number.



Whose number is greater? Circle your answer.

Esther Amir can't tell

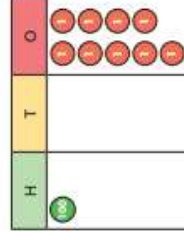
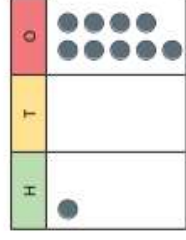
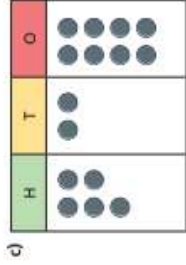
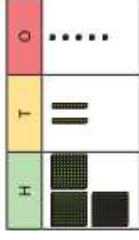
Explain how you know.

4 Use 8 pieces of base 10 to make a number.

Compare answers with a partner.

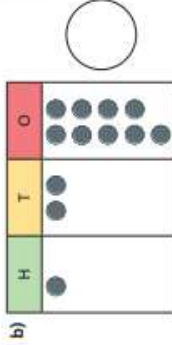
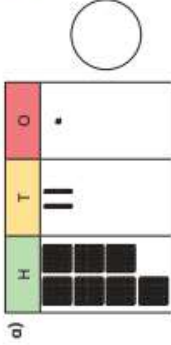
Who has made the greater number?

2 Tick the greater number in each pair.

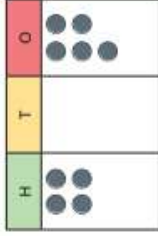
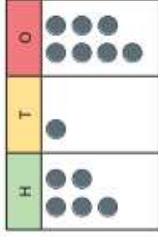


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5 Write >, < or = to compare the numbers.



6 Draw 3 more counters to make the statement correct.



Compare numbers

Work Maths

1 Which number is smaller? Tick your answer.

100s	10s	1s
3	5	9

100s	10s	1s
7	1	2

2 Which number is greater? Tick your answer.

100s	10s	1s
8	0	5

100s	10s	1s
8	1	7

3 Tick the greater number.

100s	10s	1s
0	3	7

100s	10s	1s
3	7	0

4 Circle all the numbers greater than 350

700 396 299 167 342 400

7 Write the missing phrase.

is less than is greater than

a) 328 _____ 344

b) 916 _____ 490

c) 510 _____ 517

8 There are two films on at the cinema.



Which film lasts the longest?

_____ lasts the longest.

5 Circle all the numbers less than 718

634 800 715 720 66 1,000

6 Write >, < or = to make the statements correct.

a)

100s	10s	1s
2	9	5

100s	10s	1s
3	7	2

b)

100s	10s	1s
4	0	1

100s	10s	1s
4	2	6

c)

100s	10s	1s
2	5	7

100s	10s	1s
2	5	7

d) Which place value columns did you have to compare in part c)?

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9 Write <, > or = to make the statements correct.

a) 176 281

e) 1,000 699

b) 397 452

f) 820 90

c) 757 747

g) 392 300 + 90 + 2

d) 812 810

h) 392 300 + 90 + 3

10 What could the missing digits be?

a) 621 is greater than __24

b) 500 < __54

621 is greater than 6__4

500 < 5__2

621 is greater than 62__

500 < 53__

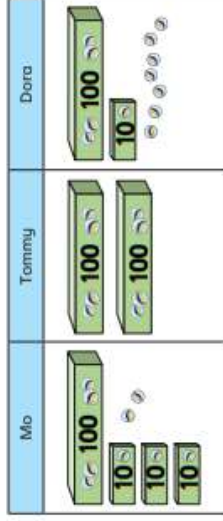
11 Write all the possible missing digits.

a) 778 is less than 7__4

b) 778 is less than 7__9

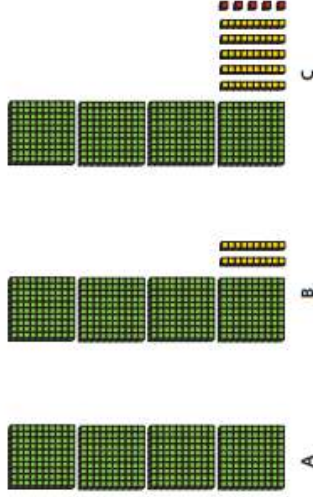
c) 778 is less than 77__

1 Who has the greatest number of marbles?



_____ has the greatest number of marbles.

2 Which is the smallest number: A, B or C? Circle your answer.



6 a) Write the weights of the boxes in order. Start with the lightest box.



b) These are the heights of the people in one family.

John	Gemma	Brett	Kim	Dani
185 cm	126 cm	175 cm	53 cm	170 cm

Who is the 3rd tallest person?

The 3rd tallest person is _____.

7 Here are the prices of 4 bikes.



Write the prices in order. Start with the most expensive bike.

3 Circle the greatest number in each list.

- a) 250 400 130 290
- b) 315 390 326 305
- c) 718 712 710 719 716
- d) 435 348 438 84

4 Write each list of numbers in order. Start with the smallest number.

- a) 412 718 429 405

- b) 73 99 200 620

- c) 1,000 595 509 95

5 Write two numbers that are greater than 644 and less than 652

8 a) These numbers are in order. One digit is missing from each number.

- 4 _ 5 46 _ _ 58
- smallest greatest

What could the missing digits be?

b) These numbers are in order. One digit is missing from each number.

- 4 _ 5 46 _ _ 58
- greatest smallest

What could the missing digits be?

9 Each number has the same digit missing.

$$_56 < 7_3 < 75_$$

What could the missing digits be?

Find as many different answers as you can.

1 How many cards does each person have?

Filip	Eva	Mo	Aisha
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Teddy has 8 packs of cards.

How many cards does Teddy have?

Teddy has cards.

2 Complete the number tracks.

200	250	300	<input type="text"/>	<input type="text"/>	550
650	<input type="text"/>	750	800	<input type="text"/>	<input type="text"/>
<input type="text"/>	600	550	450	<input type="text"/>	300

6 Whitney and Dexter are playing darts.

a) Whitney throws 5 darts.



How many points has Whitney scored?

Whitney has scored points.

How did you work this out? Talk about it with a partner.

b) Dexter scores 450 points with 5 darts.

Where could his darts have landed?

Draw your answer on the dartboard.



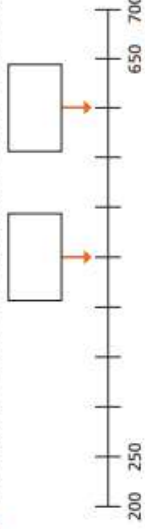
3 Rosie is counting up in 50s from 0 to 1,000.

0, 50, 100 ...

Circle all the numbers that Rosie will say.

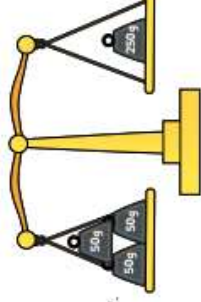
505 750 75 350 240 800 950

4 What numbers are the arrows pointing to? Label the arrows.



5 Is this true or false?

These scales will balance.



How do you know?

c)

I don't think it is possible to score 450 with 6 darts.



Is Dexter correct?

Explain how you know.

7 How much money is there?



1 Match the numbers to the Roman numerals.

1	L
5	C
10	V
50	X
100	I

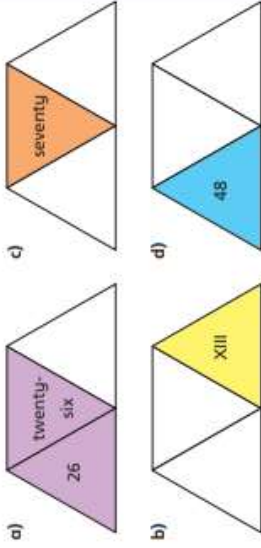
2 Write each number in Roman numerals.

- a) 7 d) 55 g) 17
- b) 12 e) 72 h) 41
- c) 23 f) 89 i) 27

3 Write the Roman numeral in numerals and words.

- a) XXIV
- b) LXXI
- c) LXVIII
- d) XCVI
- e) XXVIII
- f) XCI

4 Each diagram should show a number in numerals, words and Roman numerals. Complete the diagrams.



3 Eva lives in this house.



What number does Eva live at?

Eva lives at number

4 Jack rolls two 6-sided dice.



What is Jack's total score?

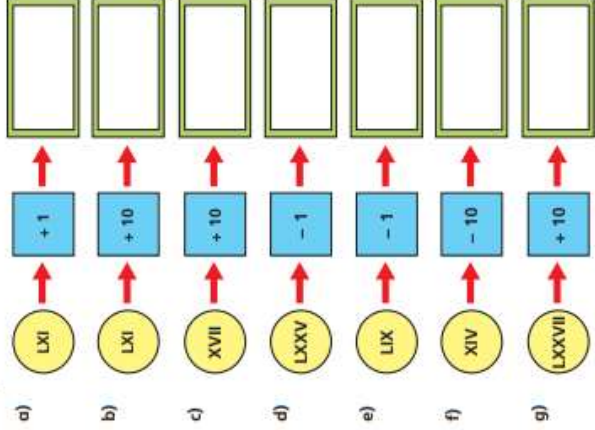
Alex rolls the same 2 dice and gets two different numbers.

Her score is the same as Jack's.

What numbers could Alex have rolled?

and

7 Complete the function machines.



8 Complete the calculation.

XXIX + = LXI +

How many other calculations can you write that give the same total?

Compare your answers with a partner.