

6/9/2021



LO: To identify place value

What numbers are represented?

a)

b)

c)

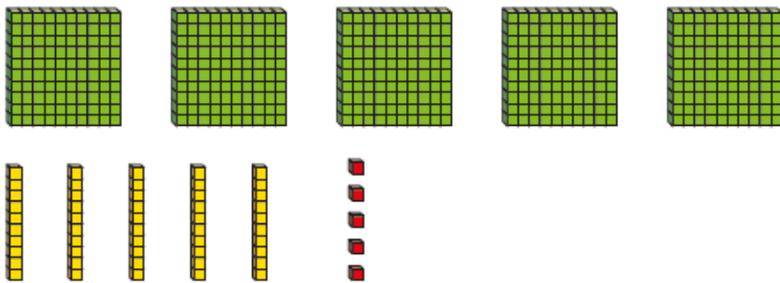
TTh	Th	H	T	O
	1,000 1,000 1,000 1,000		10	1 1

d)

Complete the calculations.

- a) $2,865 + 1 = \boxed{}$
 $2,865 + 10 = \boxed{}$
 $2,865 + 100 = \boxed{}$
 $2,865 + 1,000 = \boxed{}$
- b) $1,256 - 1 = \boxed{}$
 $1,256 - 10 = \boxed{}$
 $1,256 - 100 = \boxed{}$
 $1,256 - 1,000 = \boxed{}$

a) Circle 412



b) Draw counters in the place value chart to represent 5,321

Th	H	T	O

Greater Than

5 is greater than 1
Bigger Larger More than

Less Than

2 is less than 4
Smaller Less Littler

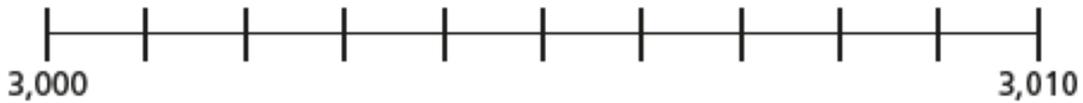
Are these statements true or false?

- $143 > 132$
- $3098 < 3089$
- $25431 > 25413$
- $74532 < 75423$

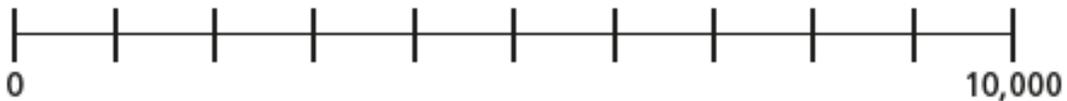
Complete the table:

	+1	+10	+100	+1000
468				
	392			
		6473		
			2617	
				82820

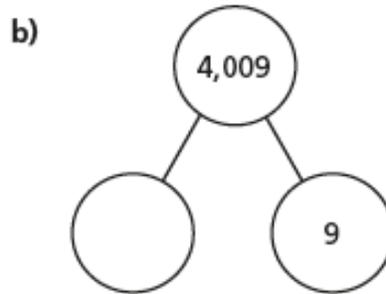
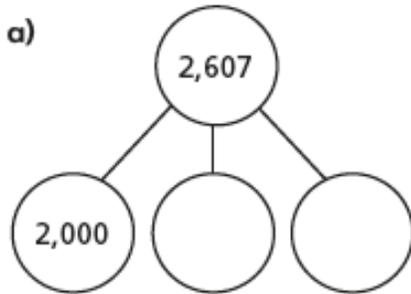
Draw an arrow to show 3009 on the number line.



Draw an arrow to 2500 on the number line.



Complete the part-whole models.



What is the value of the 7 in each number?

- a) 3,071
- b) 307
- c) 7,004
- d) 5,711

Reasoning Always, sometimes, never:
The 3 in 9,453,821 represents thirty thousand.

What are all the possible numbers you can create by only removing one counter from the place value chart?

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

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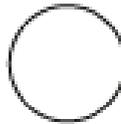
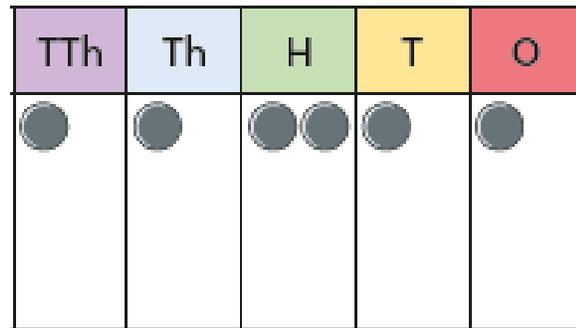
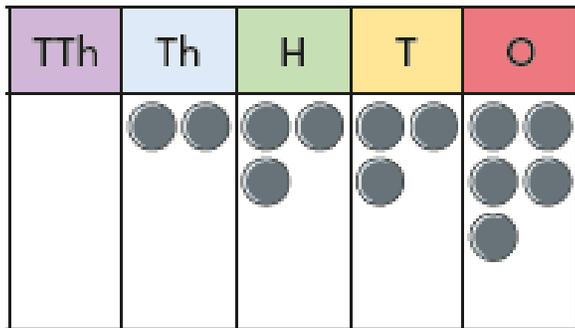
LO: To order and compare numbers



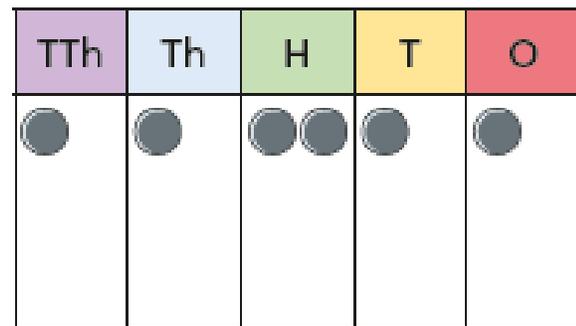
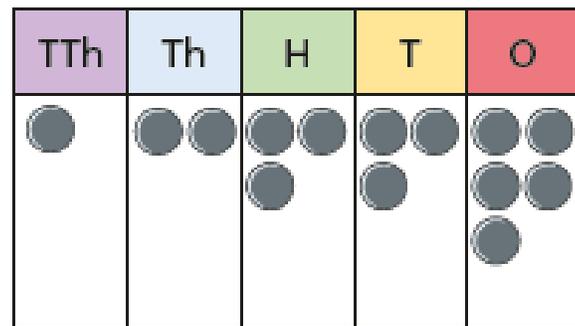
Write the numbers represented in the place value charts.

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

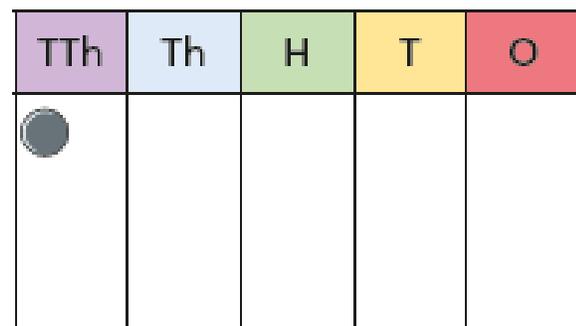
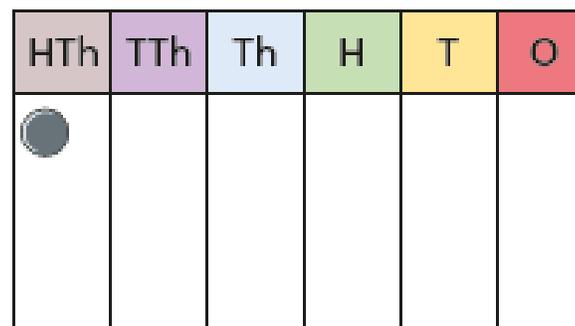
a)



b)



c)



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

a) 345 543

d) 2,098 2,097

b) 30,990 30,099

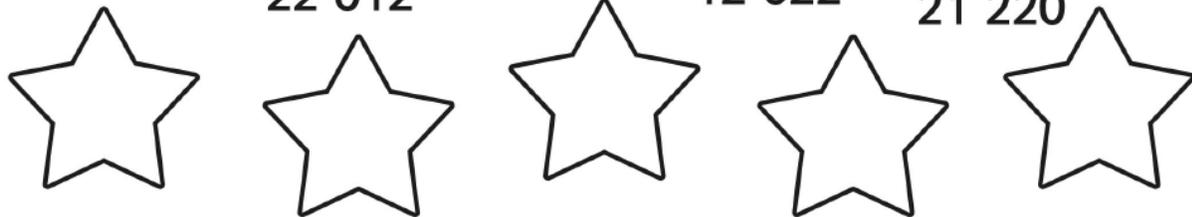
e) 20,000 19,999

c) 1 million 1,553,680

f) 2.2 million 2,200,000

Fill in the spaces below with the numbers in ascending order (smallest to largest).

22 212 22 012 12 201 12 022 21 220



76 767 67 677 77 776

67 767 77 677



The table shows the lengths of 5 rivers. Write the names of the rivers in order starting with the shortest.

River	Length (km)
Amazon	6,992
Congo	4,700
Grande	1,360
Fraser	1,368
Seine	776

Write the missing digits to complete the number sentences.

a. $201 > 20_$

d. $3_2 > 382$

b. $911 < _99$

e. $782 > 78_$

c. $63_ < 631$

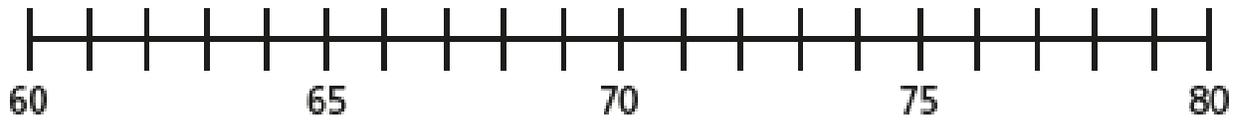
f. $1109 < 11_0$

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LO: To round whole numbers with accuracy

Use the number line to help you round these numbers to the nearest 10.



63 rounds to ____ to the nearest 10.

74 rounds to ____ to the nearest 10.

67 rounds to ____ to the nearest 10.

78 rounds to ____ to the nearest 10.

79 rounds to ____ to the nearest 10.

61 rounds to ____ to the nearest 10.

Round these numbers to the nearest 100. Use your colouring pencils to colour the numbers according to the answer. 200 = blue, 400 = green, 500 = yellow, 600 = orange.

515

449

178

240

585

623

482

371

550

239



Round the numbers to the correct values:

	743	1389	4108	9861
to the nearest 10 is				
to the nearest 100 is				
to the nearest 1000 is				

Circle the numbers that round to **650** when rounded to the nearest 10

653 655 645 545 648 641 548 651

Circle the numbers that round to **5400** when rounded to the nearest 100

5430 5450 5380 5340 5425 5325 5395 5480

Circle the numbers that round to **12000** when rounded to the nearest 1000

12475 11780 12399 12111 11999 11501

I'm thinking of an integer that is 20 when rounded to the nearest 10

I'm thinking of an integer that is 370 when rounded to the nearest 10

Complete the sentences:

It cannot be less than _____
It cannot be more than _____
It must be between _____ and _____
It might be _____

Complete the sentences:

It cannot be less than _____
It cannot be more than _____
It must be between _____ and _____
It might be _____



Jo makes a 4-digit number using the digit cards above. Her number rounds to 9100 to the nearest 100.

What number does Jo make? _____

Jim makes a different 4-digit number using the same digit cards. His number rounds to 10000 to the nearest 1000.

What number does Jim make? _____

What does Jim's number round to, to the nearest 10? _____

Reasoning

3 rounded to the nearest 10 is zero.

Is this statement correct? Prove it by showing your answer on a number line.

Reasoning

37 rounded to the nearest 100 is zero.

Is this statement correct? Prove it by showing your answer on a number line.

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LO: To round numbers with accuracy

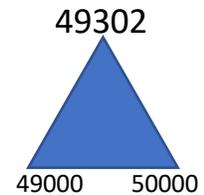
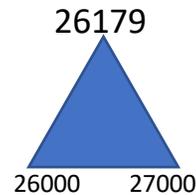
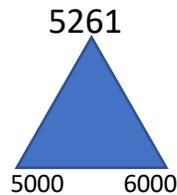
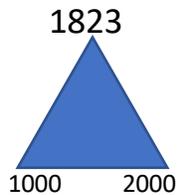
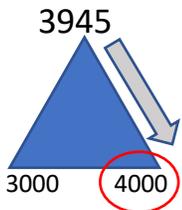


Can you round these numbers to the nearest 10 and 100? Use the number lines to position the numbers and see which end they are closest to (to aid with rounding to 100).



	125	170	801	159	883	849
To the nearest 10						
To the nearest 100						

Can you round these numbers to the nearest 1000? Use the mountains to help you. The first one has been completed for you.



Three children have rounded 471,958 to the nearest 100,000



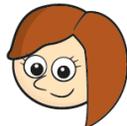
Eva

500,000



Jack

400,000



Rosie

472,000

Who is correct? _____

Explain the mistake the other children made:

Circle all the numbers that round to 48000 when rounded to the nearest 1000:

48350

48499

47500

48500

47690

47099

47999

48098

Complete the table:

Rounded to the nearest	147 283	68 547	1 656 908	900 571
10				
100				
1000				
10 000				
100 000				

Write the missing digits so that each number rounds to three hundred and twenty thousand when rounded to the nearest ten thousand.

32__ 657

3__5 001

31__ 999

Is there more than one answer for any of these missing digits? List them:

Can you answer these worded questions?

- Rob's garden measures 1492cm. What is this to the nearest 100cm?
- Sarah cycled 54,673 metres in a race. What was this to the nearest 10,000 metres?
- A 4 bed house in Letchworth costs £474,995. Round this to the nearest 100,000.
- The Bugatti La Voiture Noire is the world's most expensive car at \$18,729,995. Round this to the nearest million.

George writes down ten numbers. He asks, "Which numbers, when rounded to the nearest hundred thousand, are rounded to 600 000?"

Tick any that follow the rule.

501 338

504 299

550 289

570 258

592 022

601 458

645 313

651 432

654 410

671 455