

Week 9

Lesson 1

5a. What is the value of the digit 9 in this number? Write your answer in words.

987,162



VF

5b. What is the value of the digit 6 in this number? Write your answer in words.

762,574



VF

6a. Write the number below in numerals.

seven hundred and eighteen thousand, five hundred and thirty-four

6b. Write the number below in numerals.

eight hundred and four thousand, nine hundred and twelve

7a. Complete the place value chart for the number 556,093.

100,000s	10,000s	1,000s	100s	10s	1s
● ●	●● ●●	● ●		●● ●●	●



VF

7b. Complete the place value chart for the number 750,807.

100,000s	10,000s	1,000s	100s	10s	1s
●	●●		●		●



VF

8a. Complete the bar model.

<b>678,234</b>			
600,000		200	34



8b. Complete the bar model.

<b>854,359</b>			
	4,000	350	9



Lesson 1 Challenge

4b. Bea is reading the number 840,832.

Eight million, four thousand, eight hundred and thirty-two.

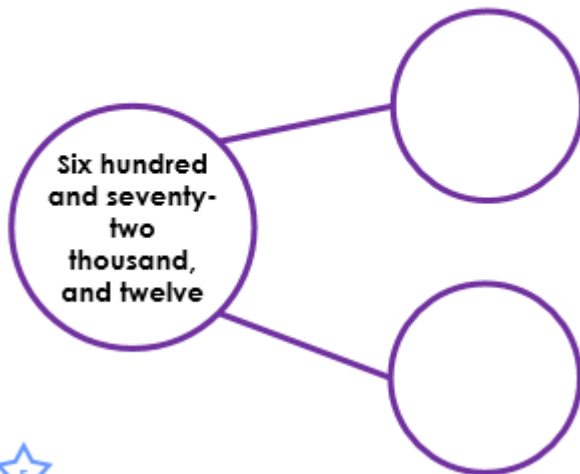


Is she correct? Explain your answer.



R

5b. Complete the part whole model.  
Find more than one way.



R

Lesson 2

5a. Complete the statements using  $<$ ,  $>$  or  $=$  to make them correct.

A.  $123,870$    $132,840$

B.  $135,705$    $153,507$

C.  $987,450$    $987,504$



VF

5b. Complete the statements using  $<$ ,  $>$  or  $=$  to make them correct.

A.  $704,576$    $704,567$

B.  $755,489$    $755,894$

C.  $450,202$    $405,202$



VF

6a. Tick to show whether the statements are true or false.

	T	F
A. $345,695 < 354,659$	<input type="checkbox"/>	<input type="checkbox"/>
B. $576,805 > 567,508$	<input type="checkbox"/>	<input type="checkbox"/>
C. $297,880 < 279,808$	<input type="checkbox"/>	<input type="checkbox"/>



6b. Tick to show whether the statements are true or false.

	T	F
A. $265,689 < 256,869$	<input type="checkbox"/>	<input type="checkbox"/>
B. $978,675 > 987,675$	<input type="checkbox"/>	<input type="checkbox"/>
C. $880,463 > 808,436$	<input type="checkbox"/>	<input type="checkbox"/>

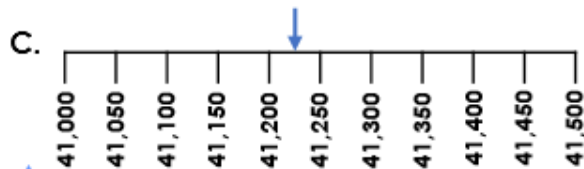


7a. Order the numbers in descending order.

A.

HTh	TTh	Th	H	T	O

B.



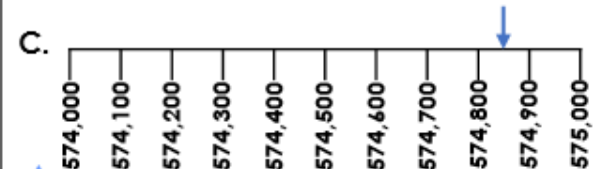
VF

7b. Order the numbers in ascending order.

A.

HTh	TTh	Th	H	T	O

B.



VF

8a. Find the largest and smallest numbers from below to complete the sentence.

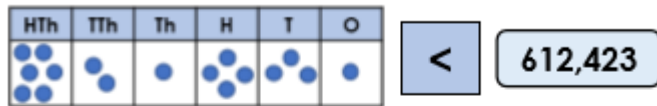
\_\_\_\_\_  $>$  \_\_\_\_\_

8b. Find the largest and smallest numbers from below to complete the sentence.

\_\_\_\_\_  $>$  \_\_\_\_\_

## Challenge

4a. True or false?



Give reasons for your answer.



R

5a. Work out which child has the number card according to their statements.

139,805

My number has 8 hundreds and rounds to 130,000.



Lucy



Arthur

My number has 5 ones and is less than 140,000.

Lesson 3


6a. Tyrone is counting backwards.



59,999  
49,999  
29,999  
19,999  
9,999  
-99

 Find and correct any mistakes.

6b. Rachel is counting backwards.



876,664  
776,664  
676,664  
676,664  
576,664  
477,664

 Find and correct any mistakes.

7a. Put the numbers in ascending order and identify the power of 10 they have increased by.

877,543

879,543

878,543

876,543

7b. Put the numbers in descending order and identify the power of 10 they have decreased by.

996,051


995,951

996,151

995,851

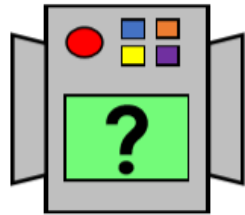
5a. Starting at 39,080, count backwards in a power of 10 through the maze to reach 28,080.

39,080	38,080	30,080	29,080	30,080
38,080	28,080	27,080	29,080	28,080
37,080	36,080	26,080	30,080	20,080
38,080	35,080	25,080	31,080	30,080
39,080	34,080	33,080	32,080	31,080
40,080	30,080	31,080	31,080	32,080

 What did you count in?

8a. What rule does this function machine follow?

637,352



627,352

Find the next 3 terms in this sequence.

## Challenge

4a. Here is a sequence of 3 numbers.

33,890; 43,890; 53,890



Use the digit cards to create numbers which will be in this sequence.



PS

5a. A cinema is ordering boxes for the popcorn. Popcorn boxes are sold in packs of 10,000.

They have 456,155 boxes but need 516,155.



How many packs should they order?

If they ordered 10 packets how many boxes would they have?

Lesson 4

5a. Round these numbers to the nearest 100,000.

450,999

320,500

800,881



5b. Round these numbers to the nearest 10,000.

237,452

742,064

65,981

VF



7a. Circle the odd one out when rounded to the nearest 10,000.

947,106

954,612

944,711



7b. Circle the odd one out when rounded to the nearest 100.

721,049

721,093

721,051

VF



VF

6a. Find the numbers that round to 300,000 when rounded to the nearest 100,000.

200,981

305,000

290,810

345,101

350,000

265,009

319,999

271,002

333,333

▲

8b. True or false? When rounded to the nearest 10,000, the numbers below all round to 470,000.

465,001

474,921

462,976

473,412

▲

Challenge

4a. Match the statements to the correct numbers below.

Rounds to  
300,000

340,981

Rounds to  
340,000

292,804

Rounds to  
341,000

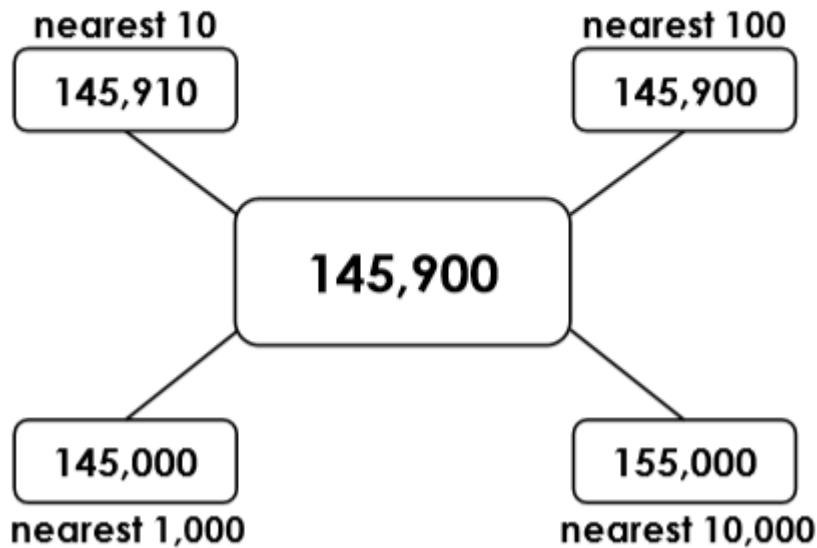
338,050

Explain how each number has been rounded.



D

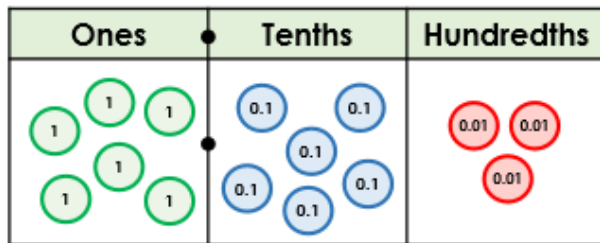
6a. Spot the errors. Explain your answer.





Lesson 5

5a. Round the number on the place value chart to the nearest whole number. Circle the correct answer below.



A) 6

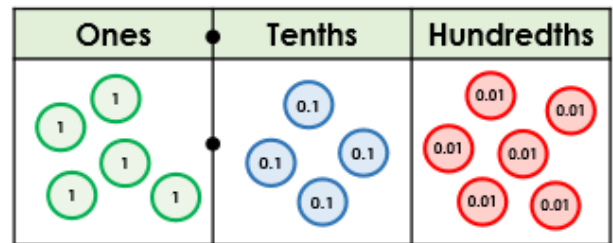
B) 7

C) 6.6



VF

5b. Round the number on the place value chart to the nearest whole number. Circle the correct answer below.



A) 5

B) 6

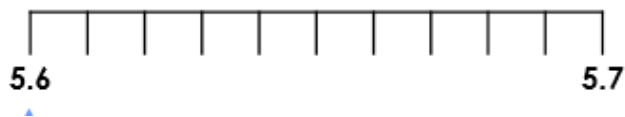
C) 5.5



VF

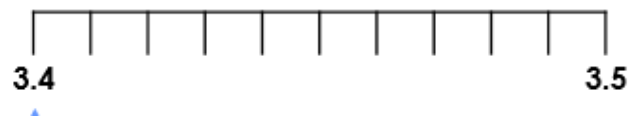
6a. True or false?

5.62, when rounded to the nearest tenth, is 5.6.



6b. True or false?

3.46, when rounded to the nearest tenth, is 3.4.



8a. Round these decimals to the nearest tenth and match them to the correct answer.

8.07

8.7

8.67

8.8

8.76

8.1



8b. Round these decimals to the nearest tenth and match them to the correct answer.

4.47

4.1

4.38

4.5

4.09

4.4



## Challenge

5a. I'm thinking of a number with 2 decimal places.

- The hundredth is an odd number.
- The tenth is an even number.
- When rounded to the nearest tenth, my number is 5.4.
- When rounded to the nearest whole number, my number is 5.

What could my number be?



PS

6a. Tiana has been rounding 7.49.  
She says,



7.49 rounded to the nearest tenth is 7.5.

7.49 rounded to the nearest whole number is 8.

Is she correct? Prove it.