Rounding to 10, 100 and 1,000

1 Use the number line to help you complete the sentences.

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60        65        70        75        80
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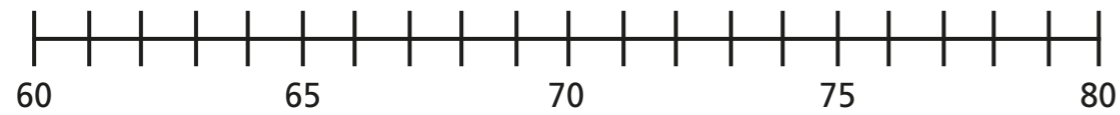
63 rounds to [ ] to the nearest 10

74 rounds to [ ] to the nearest 10

67 rounds to [ ] to the nearest 10

78 rounds to [ ] to the nearest 10

2 Round each number to the nearest 10

a) 48 [ ]   548 [ ]

248 [ ]   1,748 [ ]

b) What do you notice about your answers in part a)?

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_____

3 Round each number to the nearest 100

a) 1,532 [ ]   1,552 [ ]

1,542 [ ]   1,562 [ ]

b) What do you notice about your answers in part a)?

4 Round the numbers to the correct values.

a)   743   **b)**   9,867

to the nearest 10 is [ ]   to the nearest 10 is [ ]

to the nearest 100 is [ ]   to the nearest 100 is [ ]

to the nearest 1,000 is [ ]   to the nearest 1,000 is [ ]

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

653   655   645   545   648   641

b) Circle the numbers that round to 5,400 when rounded to the nearest 100

5,430   5,450   5,380   5,340   5,425   5,325
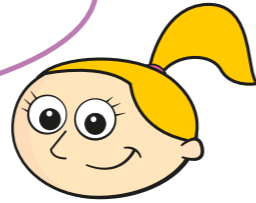
c) Circle the numbers that round to 12,000 when rounded to the nearest 1,000

12,475   11,780   12,399   12,111   11,999   11,501

6 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 [ ]

7 Complete the table.

| Number	3,561	9,730	21,075	903
Rounded to the nearest 10				
Rounded to the nearest 100				
Rounded to the nearest 1,000				

8

1	9	9	1

a) Mo makes a 4-digit number using the digit cards.
His number rounds to 9,100 to the nearest 100

What number does Mo make? [ ]

b) Kim makes a different 4-digit number using the digit cards.

Her number rounds to 10,000 to the nearest 1,000

What does Kim's number round to, to the nearest 10? [ ]
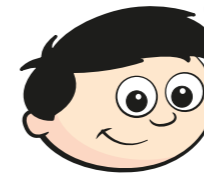
9 37 rounded to the nearest 100 is zero.

Is Dexter correct?

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Draw a number line to represent your answer.