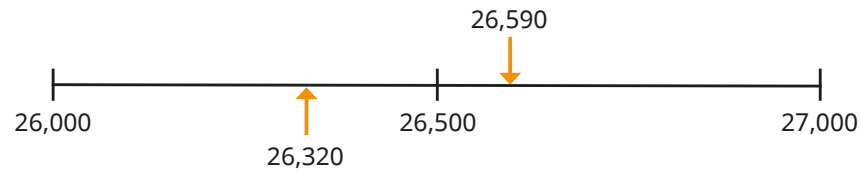


- 1 The position of two numbers is shown on the number line.



- a) Are the numbers closer to 26,000 or 27,000?

Complete the sentences.

26,320 is closer to  than

26,590 is closer to  than

- b) Complete the sentences to round the numbers to the nearest 1,000

26,320 rounds to  to the nearest 1,000

26,590 rounds to  to the nearest 1,000

- 2 Round the numbers to the nearest 1,000

- a) 17,801                      c) 34,099                      e) 20,489  
b) 42,370                      d) 9,712                      f) 99,840

- 3 Alex represents 12,163 on a place value chart.

TTh	Th	H	T	O
●	●●	●	●●●● ●●●●	●●●

- a) Is Alex correct?  
How do you know?

To round the number to the nearest 100, I need to look at the hundreds column.



- b) Complete the sentences.

12,163 rounded to the nearest 100 is

12,163 rounded to the nearest 1,000 is

- 4 Round the numbers to the nearest 100,000

- a) 123,456                      c) 143,456                      e) 163,456  
b) 133,456                      d) 153,456                      f) 1,163,456

What do you notice?

- 5 Complete the table.

Rounded to the nearest	3,147,283	68,547	1,656,908	900,571
10				
100				
1,000				
10,000				
100,000				
1,000,000				

- 6 Which numbers round to 38,000 to the nearest 1,000?

- 38,350                      38,499                      37,500                      38,500**  
**37,690                      37,099                      37,999                      38,098**

b) Complete the sentences.

12,163 rounded to the nearest 100 is

12,163 rounded to the nearest 1,000 is

4 Round the numbers to the nearest 100,000

- a) 123,456                      c) 143,456                      e) 163,456  
b) 133,456                      d) 153,456                      f) 1,163,456

What do you notice?

5 Complete the table.

Rounded to the nearest	3,147,283	68,547	1,656,908	900,571
10				
100				
1,000				
10,000				
100,000				
1,000,000				

6 Which numbers round to 38,000 to the nearest 1,000?

- 38,350      38,499      37,500      38,500**  
**37,690      37,099      37,999      38,098**

7 There is a digit missing from each number.

32\_,657                      3\_5,001                      31\_,999

Fill in the missing digits so that each number rounds to three hundred and twenty thousand when rounded to the nearest 10,000

Is there more than one answer for each?

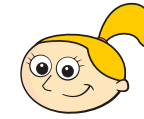
Talk about it with a partner.

8 Three children have rounded 1,471,958 to the nearest 1,000,000



Jack

2,000,000



Eva

1,000,000



Rosie

1,500,000

- a) Who is correct?  
b) Explain the mistakes the other children have made.

9 A and B are integers.

A = 300,000 to the nearest 100,000

B = 300,000 to the nearest 10,000

- a) What is the greatest possible value of A + B?  
b) What is the smallest possible value of A + B?  
c) What is the greatest possible value of A - B?