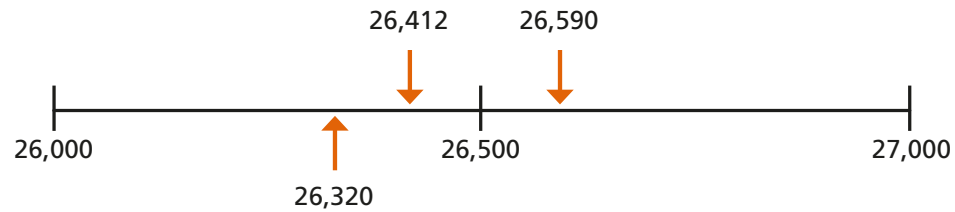


1 Are these numbers closer to 26,000 or 27,000?



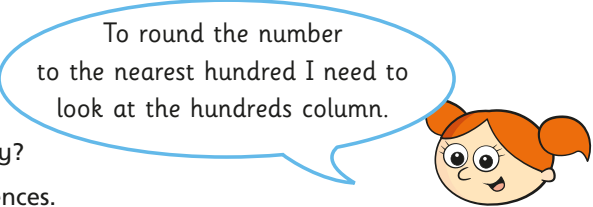
- a) 26,320 b) 26,412 c) 26,590

2 Round these numbers to the nearest 1,000

- a) 17,801 b) 42,370 c) 34,099

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

TTh	Th	H	T	O
●	●●	●	●●●●	●●●



- a) Is Alex correct? Why?
b) Complete the sentences.

12,163 rounded to the nearest hundred is

12,163 rounded to the nearest thousand is

4 Round the numbers to the nearest 100,000

- | | |
|---------|-----------|
| 123,456 | 153,456 |
| 133,456 | 163,456 |
| 143,456 | 1,163,456 |

What do you notice?

5 Complete the table.

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

6 Circle all the numbers that 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 a) 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_,001 31_,999

b) How many different digits can you find for each missing digit?

4 Round the numbers to the nearest 100,000

123,456	153,456
133,456	163,456
143,456	1,163,456

What do you notice?



5 Complete the table.

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

6 Circle all the numbers that round to 38,000 to the nearest 1,000

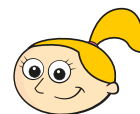
38,350	38,499	37,500	38,500
37,690	37,099	37,999	38,098

7 a) 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

b) How many different digits can you find for each missing digit?

8 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 have made.

9 A and B are integers.

A = 300,000 to the nearest 100,000

B = 300,000 to the nearest 10,000

- What is the greatest possible value of $A + B$?
- What is the smallest possible value of $A + B$?
- What is the greatest possible value of $A - B$?

