# Round any number

**1** Are these numbers closer to 26,000 or 27,000?
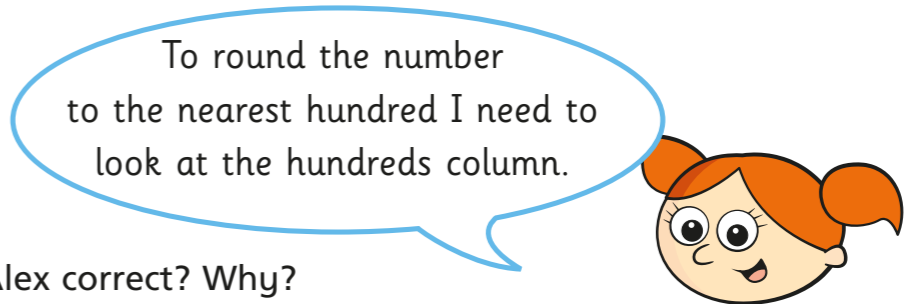
26,412    26,590

26,000          26,500          27,000
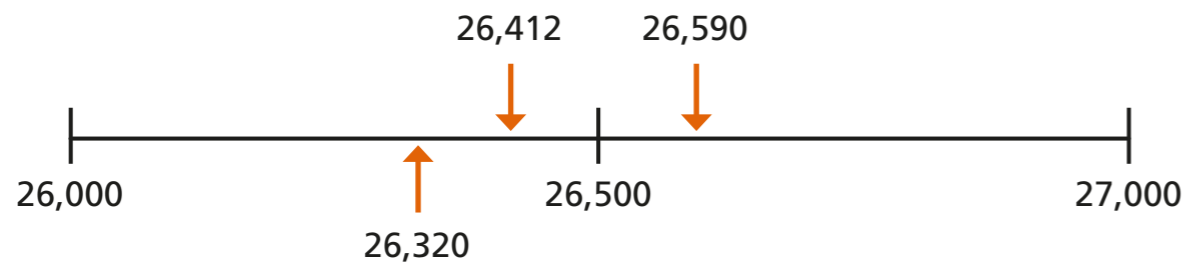
26,320

**a)** 26,320 is closer to [ ] than [ ]

**b)** 26,412 is closer to [ ] than [ ]

**c)** 26,590 is closer to [ ] than [ ]

**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 |
|---|---|---|---|---|
| ● | ● ● | ● | ● ● ● ● ● ● | ● ● ● |

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

**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

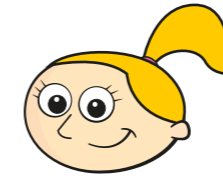38,350     38,499     37,500     38,500

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.

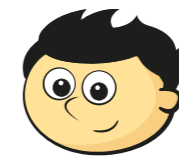32__,657          3__5,001          31__,999

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          Jack          Rosie
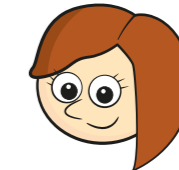
500,000          400,000          472,000

Who is correct?

_____ 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

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?