

## Rounding numbers

1. Write the multiples of 10, 100 and 1,000 that each number comes between

- a) 285,892
- b) 725,247
- c) 921,653
- d) 487,371
- e) 846,794

For example:

$$\begin{aligned} 147,360 &- 147,362 - 147,370 \\ 147,300 &- 147,362 - 147,400 \\ 147,000 &- 147,362 - 148,000 \end{aligned}$$

2. For each of the answers above, circle the number that the original number would round to.

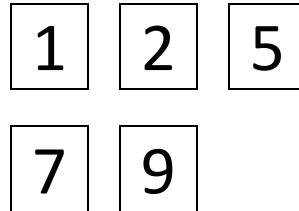
3. For each of the numbers write three numbers that when rounded down equal the number. In brackets beside your number show the degree of roundin For example:

- |              |                 |
|--------------|-----------------|
| a) 3,678,000 | 5,684,700       |
| b) 4,500,000 | 5,684,701 (10)  |
| c) 1,478,000 | 5,684,720 (100) |
| d) 6,125,000 | 5,684,740 (100) |
| e) 5,295,000 |                 |



4. Use the digit cards to make a number that:

- a) rounds to 15,700 to the nearest 100
- b) rounds to 60,00 to the nearest 10,000
- c) rounds to 60,000 to the nearest 1,000



### Challenge

5. In one year a museum had 4,691,692 visitors and 1,456 complaints.

Write a report on behalf of the museum explaining these figures. Make sure your report is worded in a way that looks best for the museum. You may want to round these numbers to different degrees.

Now write a statement explaining why you included these numbers in your report.