Number Brainteasers

I can solve number and place value reasoning problems.

Many different numbers could fit into the box below:

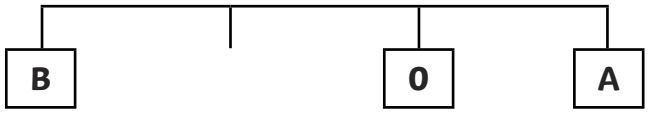
3.4 < ☐ **< 3.6**

Give all the possibilities with 2 decimal places that would round to 3 to the nearest whole number.

Which of these numbers round to 1 million to the nearest 10?

999 994 1 000 004 999 997 1 000 009

The difference between A and B is 60. Give the values of A and B.



Elliot is thinking of a 6-digit number. It has a 4 in the thousands place. The hundreds digit is half of the hundred thousands digit. The ones digit is double the thousands digit. Its digit total is 24. What could Elliot's number be?

If you put these numbers in order from lowest to highest, which number will be the third one? Round this number to the nearest 1000.

32 874 30 292 32 845 32 901 34 493

Starting at 45 872, count backwards in 10 000s. How many steps will it take to get as close to zero as possible without going into negative numbers?

What number will you reach?

Round this number to the nearest 100.