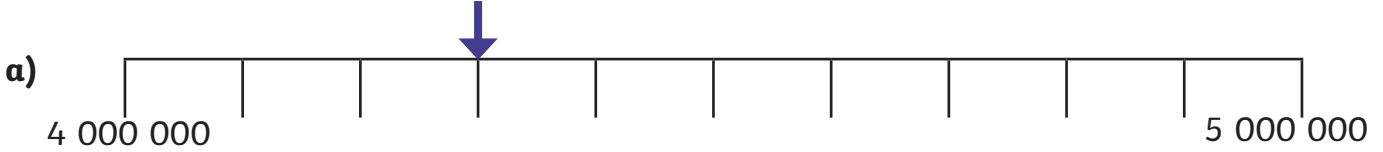


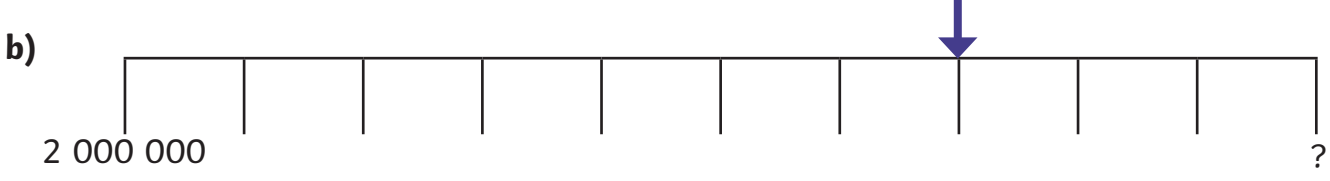


Round Any Integer

1) Complete these sentences for each number shown by an arrow on each number line.



_____ lies between _____ million and _____ million.
 It is closer to _____ than _____.
 _____ rounded to the nearest million is _____.



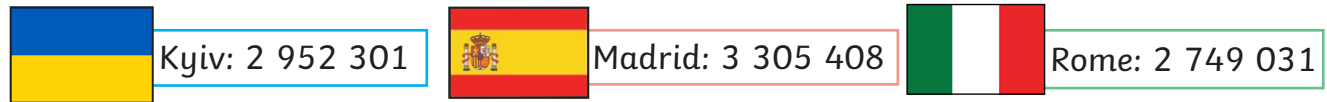
_____ lies between _____ million and _____ million.
 It is closer to _____ than _____.
 _____ rounded to the nearest million is _____.

2) Round each number to the nearest million, hundred thousand, ten thousand, thousand, hundred and ten.

a) 1 342 906

b) 4 405 015

3) Here are the populations of three cities in Europe.



a) Which city's population rounds to 3 000 000 when rounded to the nearest hundred thousand?

b) Which cities have a population that rounds to 3 000 000 when rounded to the nearest million?





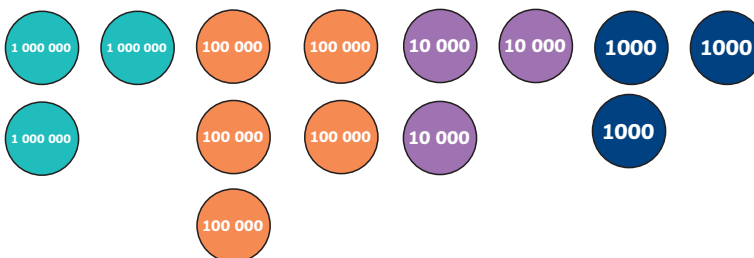
Round Any Integer

1) Is Joseph correct? Explain why.



Joseph


This number rounded to the nearest million is 3 000 000.



2) Is Elias correct? Prove it!

Number Written in Words	Rounded to the Nearest Million
five million, two hundred and sixty-three thousand, two hundred and sixty-four	5 000 000
five million, four hundred and forty-nine thousand and seventy-five	6 000 000
six million, six hundred and sixty-two thousand, eight hundred and fourteen	7 000 000
eight million, five hundred and fifty-one thousand, two hundred and three	8 000 000

I think only one of these numbers has been rounded incorrectly.



Elias

3) Do you agree with Jia? Explain your reasoning.

Rounded to the nearest million, 6 500 000 and 7 500 000 both round to 7 000 000 as they are both an equal distance away from 7 000 000.



Jia





Round Any Integer

1) Use the clues to find all five possible values of part A.

4 000 000 when rounded to the nearest million	
A	3 350 000

A is a multiple of 50 000.

Both the hundred thousands digit and the ten thousands digit of A are odd.

2) Use Priya's clues to find the number she is thinking of. Find all possibilities.

My number has 7 digits and only one of the digits is odd.

My number rounds to 6 200 000 when rounded to the nearest hundred thousand.



My number has zero thousands, hundreds, tens and ones.

My number rounds to 6 000 000 when rounded to the nearest million.

3) Arrange the digit cards to create a 7-digit number that rounds to the same answer when rounded to the nearest million, hundred thousand, ten thousand, thousand, hundred and ten.

9	9	9	9	9	5	1
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