Monday 4th May 2020

WALT: Use rounding to estimate an answer

1.

Rosie is working out 2,937 + 1,870

Rosie rounds each number to the nearest 1,000 to estimate the answer.

Complete the sentences.

2,937 rounded to the nearest 1,000 is ☐

1,870 rounded to the nearest 1,000 is ☐

Rosie's estimate for the answer is

☐ + ☐ = ☐

Complete the column addition to work out the actual answer.

```
    2 9 3 7
  + 1 8 7 0
  _____
```

The actual answer is ☐

2.

Round each number to the nearest 10,000 to estimate the answer to the calculations.

a) 12,063 + 29,580   ☐ + ☐ = ☐

b) 47,640 – 9,485   ☐ – ☐ = ☐

3.

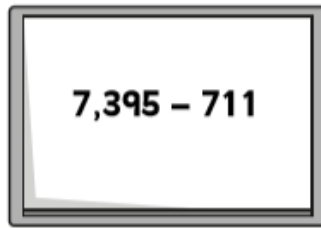The table shows the number of people of different ages living in three towns.

	Town A	Town B	Town C
Under 16	3,765	8,283	10,301
16 to 65	35,835	14,100	24,554
Over 65	1,949	9,821	656

Estimate which town has got the greatest population.

Town ____ has the greatest population.

4.

Mr Khan writes this question on the board.

$$7,395 - 711$$

Dexter's estimate is 7,000 – 1,000 = 6,000

Whitney's estimate is 7,400 – 700 = 6,700

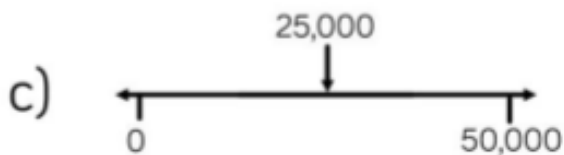Whose estimate do you agree with? _____

Explain your answer.

_____

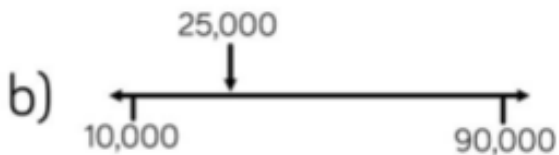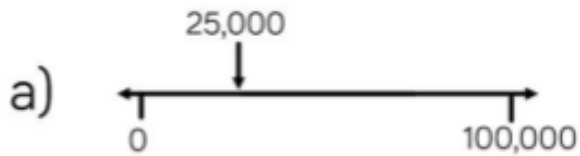_____

Work out the actual answer.

Whose estimate was the closest? _____

CHALLENGE

Which estimate is inaccurate?

a)

25,000

0   100,000

b)

25,000

10,000   90,000

c)

25,000

0   50,000

Explain how you know.