## Round to estimate and approximate



Annie works out 7,320 + 912



Use approximations to show that Annie is incorrect.

 $7,000 \pm 1,000 = 8,000$ 

Annie's answer is too big.

4

3

Complete the calculations.



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 3,000

1,870 rounded to the nearest 1,000 is



Rosie's estimate for the answer is

3,000	+	2,000	=	5,000	
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Complete the column addition to work out the actual answer.



The actual answer is 4,807

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



Use approximations to check your answers.



E9,811

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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 A\_\_\_\_ has the greatest population.

Are these statements correct? How do you know?

a) 29,999 - 9,999 = 30,000 - 10,000

True, each number is I more so the difference.

doepn't change.

**b)** 17,550 + 10,570 > 17,550 + 9,985

True because 10,570 > 9,985

**c)** 17,990 + 75,980 - 17,990 = 12,975 + 75,980 - 12,975

True the total of each side is 75,980



