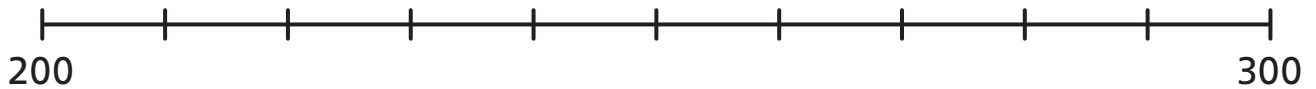


Using rounding to estimate and check answers

I Use rounding to estimate the answers to the following calculations.

a) $297 + 204$



297 is close to .

204 is close to .

$$\boxed{} + \boxed{} = \boxed{}$$

So, $297 + 204$ must be close to .

b) $6,985 - 1,995$

6,985 is close to .

1,995 is close to .

$$\boxed{} - \boxed{} = \boxed{}$$

So, $6,985 - 1,995$ must be close to .

c) $311 + 7,189$

311 is close to .

7,189 is close to .

$$\boxed{} + \boxed{} = \boxed{}$$

So, $311 + 7,189$ must be close to .

2 Bella is working out a question.

a) Use rounding to show that Bella's answer must be incorrect.

12,005 is close to .

7,620 is close to .

+ =

	TTh	Th	H	T	O	
	1	2	0	0	5	
+	7	6	2	0		
	8	8	2	0	5	

b) What mistake has Bella made?

c) What is the correct answer to the calculation?

$12,005 + 7,620 =$



3 Estimate the answer to each of these calculations.

a) $3,395 - 207$



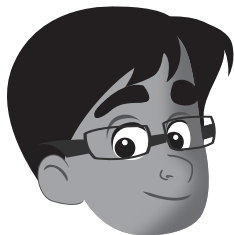
My estimate is .

b) $169,995 + 50,062$



My estimate is .

- 4 Max and Jamie are estimating the answer to $2,187 + 3,703$.



I estimate the answer to be 6,000.

Max

I estimate the answer to be 5,900.

Jamie



Explain how Max and Jamie made their estimates.

Max made his estimate by _____.

Jamie made her estimate by _____.

- 5 a) Estimate the answer to $£19,995 + £3,941 - £4,081$.



- b) What is the exact answer to the calculation?



CHALLENGE

Reflect

It is useful to estimate an answer to a calculation because

- _____
- _____
- _____