

1.

Alex is working out  $8,967 - 6,205$

Alex rounds her numbers to the nearest thousand to estimate the answer.

a) Complete the sentences.

8,967 rounded to the nearest thousand is

6,205 rounded to the nearest thousand is

Alex's estimate is  -  =

b) Now work out the actual answer using the column subtraction method.

2.

Match the calculations with a good estimate.

$345 + 1,234$

$3,000 + 6,000$

$2,985 + 6,325$

$3,500 + 1,200$

$3,541 + 1,179$

$350 + 1,200$

$2,135 + 6,292$

$2,000 + 6,000$

3.

Mr Howell writes a subtraction on the board.

$795 - 503$

I estimate the answer will be close to 200 because  $700 - 500 = 200$



What mistake has Dora made?

Write a better estimate.

4.

a) Tom is estimating an addition calculation.

His estimate is  $3,000 + 1,000 = 4,000$

Write three possible additions Tom could be estimating.

b) Dani is estimating a subtraction calculation.

Her estimate is  $£600 - £100 = £500$

Write three possible subtractions Dani could be estimating.

5.

Whitney and Dexter are estimating the answer to  $2,706 - 1,394$

Whitney's estimate is  $3,000 - 1,000 = 2,000$

Dexter's estimate is  $2,700 - 1,400 = 1,300$

Whose estimate is more accurate?

Why?

6.

A forest has 2,638 trees.

1,172 more trees are planted.



a) Use rounding to estimate the number of trees in the forest now.

b) Work out the actual number of trees in the forest.

c) How accurate was your estimate?

7.

The estimated answer to a calculation is 3,400

The numbers in the calculation were rounded to the nearest 100 to find an estimate.

What could the numbers be in the original calculation?

8.

Use the number cards and + or - to make three calculations with an estimated answer of 2,500

1,295

1,120

4,002

1,489

3,812

1,449