1. Match the children's statements to the approximate amount of money each child has saved.
   (Hint: round to the nearest full pound)

1.

Last week I saved £23.67 and this week I saved £27.50.

A   £33

2.

Last week I saved £18.45 and this week I saved £14.93.

B   £52

3.

Last week I saved £13.16 and this week I saved £35.68.

C   £49

2. Estimate the answer to the calculation below.

$$5{,}378 + 22{,}526 = ?$$

Round each number to the nearest 1,000. What is the approximate answer?
Round to the nearest 10,000. What is the approximate answer?
What is the difference between your 2 answers.
Which was the easiest to estimate?
Is there are better way to estimate this question?

3. Use the numnbers to complete the sentences.

You will need to spend time trying out different options for this question, until you find the best fit.

| 6,678 | 12,000 | 29,812 | 8,100 | 11,585 | 2,967 |

A. ☐ + 1,350   is approximately ☐

B. 15,412 − ☐   is approximately ☐

C. ☐ + ☐   is approximately   40,000

True or False?

$$49{,}999 - 19{,}999 = 50{,}000 - 20{,}000$$

I did not need to use a written method to work this out.

Dora

Can you explain why Dora's method works?

Can you think of another example where this method would work?

ANSWERS

1. A: 6,678 and 8,100; B: 2,967 and 12,000 or 12,000 and 2,967; C: 29,812 and 11,585
2. Accept an appropriate estimate. 5,000 + 23,000 = 28,000 10,000 + 20,000 = 30,000
   The difference between the two answers is 2,000
   The first is the more accurate.
   I would try rounding to the nearest 500 -> 5,500 + 22, 500 = 28, 000
3. 1B, 2A, 3C

True or False?

$49{,}999 - 19{,}999 = 50{,}000 - 20{,}000$

Dora

I did not need to use a written method to work this out.

Can you explain why Dora's method work?

Can you think of another example where this method could be used?

True

Dora has used her related number facts. Both numbers on the right have increased by 1 therefore whatever the difference is, it will remain the same as the left hand side.