Calculator Questions

Edexcel

1.a)

Alex and his friend go to a concert by car.

The 2 friends share the cost equally.

The cost of the journey is £36

How much money does each of them pay?

Use the correct symbol for money. (3)

Show your working and your answer in the box below.

$$2\overline{)36} = 18 \qquad £18$$

b)

Round 36 to the nearest 10 (1)

Show your answer in the box below.

40

c)

Use the rounded number to check your answer to question 1a (1)

Show your check in the box below.

$$40 \div 2 = 20$$
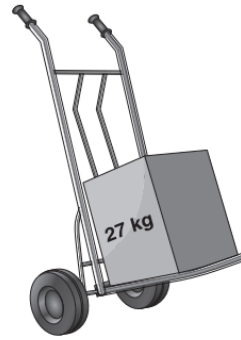
2.a)

Lucy puts one box on a trolley.

The box on the trolley has a weight of 27 kg.

The most weight the trolley can take is 50 kg.

She has another box with a weight of 19 kg.

Can the trolley take the weight of both boxes?

Show why you think this. (2)

Show your working and your answer here.

$$27$$
$$+19$$
$$46$$

Tick (✔) the correct answer.

Yes (✓)   No ( )

b)

Round 27 to the nearest 10 (1)

Show your answer here.

30

c)

Use the rounded number to check your answer to question 2a (1)

Show your check here.

$$30 + 20 = 50$$

NCFE

3.

The workers count the number of cabbages they have picked.

Ben   46

Kai   36

Tom   64

Ben works out how many cabbages were picked in total.

46 + 36 + 64 = 146

He rounds each number to the nearest 10 to check his answer.

Show how he does this check.

[2 marks]

$$50 + 40 + 60 = 150$$

4.

Lee checks how much he spent.

water tank	£42
hose	£18
bucket	£6

He works out the total.

42 + 18 + 6 = 66

He rounds each price to the nearest 10 to check his answer.

Show how he does this check.

[2 marks]

$$40 + 20 + 10 = 70$$

City & Guilds

5.

The vet nurse works out the bill.

The fees cost £48, the overnight stay was £23 and medicine £17.

She does this sum £48 + £23 + £17 = £88

She checks her calculation by using **approximation.**

Show how she used approximation to check her calculation.

Write your check here.

$$50 + 20 + 20 = 90$$

2 marks

6.a)

A gardener checks the temperature inside a greenhouse.

greenhouse
temperature
62°F

The temperature should be 80°F

How many degrees hotter should the greenhouse be?

Show your working out.

$$\begin{array}{r} 8\,0 \\ -\,6\,2 \\ \hline 1\,8 \end{array}$$

...............18...........°F hotter

2 marks

b)

Check your answer to a using approximation.

Write your check here.

$$\begin{array}{r} 8\,0 \\ -\,6\,0 \\ \hline 2\,0 \end{array}$$

1 mark