

Non-calculator Questions

NCFE

1.

Alex will go to college by bus.

The bus ticket is £8.55 per week.

Round £8.55 to the nearest £1

[1 mark]

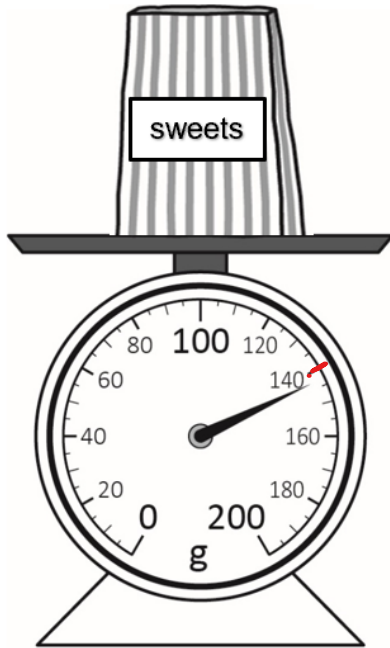
£9

Calculator Questions

NCFE

1.

Mina buys a bag of sweets.



How much does the bag weigh to the nearest **labelled** division?

[1 mark]

140g

Her sweets cost £2.89

What is £2.89 rounded to the nearest 10p?

[1 mark]

£2.90

2.

Claire buys some euros.

She pays £145.59

Round £145.59 to the nearest £1

[1 mark]

£146.00

3.

Claire earns £9.72 per hour.

Round £9.72 to the nearest £1

[1 mark]

£10.00

4.

Carly buys a drink from the shop.

The drink costs £1.69

Round £1.69 to the nearest 10p

[1 mark]

£1.70

City & Guilds

5.

What is £957.29 rounded to the nearest £1?

£957.00

1 mark

6.

What is £108.47 rounded to the nearest pound?

£108.00

1 mark

7.a)

A dance school holds a Dance Display every year.

Last year they made £660 from the ticket sales.

This year they sold 97 tickets at £6.95 each.

The organiser thinks they made **more money** this year than they did last year from the ticket sales.

Is the organiser correct?

Give a reason for your answer. Use numbers to help you.

Show your working.

$$97 \times 6.95 = \text{£}674.15$$

Is the organizer correct? Yes/No Yes

Reason

This year they made £674.15
which is greater than £660.

2 marks

b)

Use approximation to check one of your answers.

Show your check here.

$$100 \times 7 = \text{£}700$$

1 mark

8.

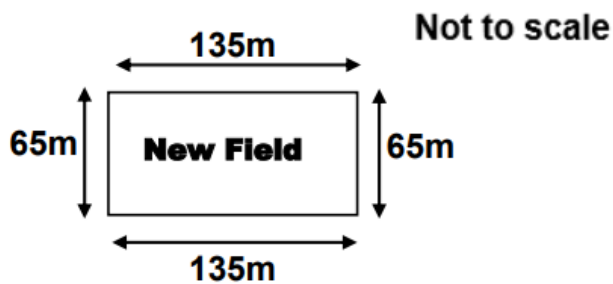
What is **£385.25** rounded to the nearest pound?

£385.00

1 mark

9.a)

The farmer decides to rent the field. It needs a new fence all the way round the edge. He measures the sides of the field.



What length of fencing will he need?

Space for working out

$$135 + 65 + 135 + 65 = 400\text{m}$$

400

metres

1 mark

b)

Wire fencing is sold in **50 metre** rolls.



What number of rolls will the farmer need to buy?

Show your working out

$$400 \div 50 = 8$$

..... 8 rolls

2 marks

c)

Each roll of fencing costs £39.77

The farmer asks his assistant to **estimate** the total cost of the fencing.

The assistant uses approximation to find out

What is the approximate cost of the fencing?

Show your working out.

$$8 \times 40 = £320$$

£ 320

2 marks

Entry 3 Rounding Money Sequences Exam Questions

Open Awards

10.

(2 marks)

Complete the table to show the rounded amounts.

Day of the Week	Amount of money taken	Amount rounded to <u>nearest pound</u>
Monday	£57.67	£58
Tuesday	£85.11	£85
Wednesday	£53.50	£54
Thursday	£84.19	£84
Friday	£108.94	£109
Saturday	£96.60	£97