

Non-calculator Questions

Edexcel

1.

At work Liv puts apple pies into boxes.

Liv has 42 apple pies.

Each full box has 9 apple pies.

How many full boxes of apple pies does Liv have?

Show how many apple pies are left over.

(3)

Show your working and your answers in the box below.

$$\begin{array}{r} 4 \text{ rem } 6 \\ 9 \overline{) 42} \end{array}$$

4 full boxes
6 apple pies left over

2.

Lucy fits shelves in the shop.

She needs 4 brackets to fit each shelf.

Lucy has 58 brackets.

How many shelves can Lucy fit?

Show how many brackets are left over.

(3)

Show your working and your answer here.

$$\begin{array}{r} 14 \text{ rem } 2 \\ 4 \overline{) 58} \end{array}$$

$$\begin{array}{r} 14 \\ \hline 2 \end{array} \begin{array}{l} \text{shelves} \\ \text{brackets left over} \end{array}$$

City & Guilds

3.

Work out $94 \div 4 =$

23 remainder 2

1 mark

4.

What is 90 divided by 4?

22 remainder 2

1 mark

5.

What is 64 divided by 8?

$64 \div 8 = 8$

1 mark

Open Awards

6.

(2 marks)

Divide 86 by 3 and show the **remainder**.

Show your workings.

$$\begin{array}{r} 28 \text{ rem } 2 \\ 3 \overline{) 86} \end{array}$$

Calculator Questions

NCFE

1. a)

Twenty two children want to take part in story time.

Sam will have five children in each group.

How many groups of five children can she make?

[2 marks]

Handwritten solution for part a):

$$\begin{array}{r} 4 \text{ rem } 2 \\ 5 \overline{) 22} \end{array}$$

4 groups

b)

How many children will be left over?

[1 mark]

Handwritten solution for part b):

2

2.a)

Dave has 37 m of fencing.

He cuts the fencing into as many 8 m lengths as he can.

How many 8 m lengths does he cut?

[2 marks]

Handwritten solution for 2.a):

$$\begin{array}{r} 4 \text{ rem } 5 \\ 8 \overline{) 37} \end{array}$$

4 lengths

b) How many metres of fencing will Dave have left over?

[1 mark]

Handwritten answer for b):

5

3.

Jay plants the 36 lettuce seeds in pots.

He uses nine pots.

Jay plants an equal number of seeds in each pot.

How many seeds does he plant in each pot?

[2 marks]

$$\begin{array}{r} 4 \\ 9 \overline{)36} \end{array}$$

4 seeds

4.

A shop sells photo paper in packs.

Each pack has six sheets in it.

Jon is going to print 42 photos.

How many packs of photo paper does he need?

[2 marks]

$$\begin{array}{r} 7 \\ 6 \overline{)42} \end{array}$$

7 packs

5.

Lee has 54 flowers and nine pots.

He puts the flowers in the pots.

He puts the same number of flowers in each pot.

How many flowers will be in each pot?

[2 marks]

$$\begin{array}{r} 6 \\ 9 \overline{)54} \end{array}$$

6 flowers

City & Guilds

6.

A woman has a sick cat. She asks the vet for some tablets.

The vet says the cat must have 3 of these tablets **each day**.



- a** For how many days can the cat take the tablets?
How many tablets will be left over?

Show your working out.

$$\begin{array}{r} 23 \text{ rem } 1 \\ 3 \overline{) 70} \end{array}$$

Number of days

23

Tablets left over

1

2 marks

The woman wants to know how much she needs to pay.

The vet's fees are £45. The tablets cost £28.

The vet nurse works out the total cost.

- b** What amount is this? **Give units with your answer.**

Show your working out.

$$45 + 28 = 73$$

Amount to pay

£73

2 marks