

Non-calculator Questions

Edexcel

1.

Bret works for a printing company.

He prints documents for a customer.

Each document takes 8 sheets of paper.

Bret has 500 sheets of paper.

How many complete documents can Bret print?

Show how many sheets of paper are left over.

(3)

Show your working here.

Show what each of your answers means on the lines below.

$$\begin{array}{r} 62 \text{ rem } 4 \\ 8 \overline{) 500} \\ \underline{48} \\ 20 \\ \underline{16} \\ 40 \\ \underline{40} \\ 0 \end{array}$$

62 complete documents

4 sheets of paper left over

NCFE

2.

Alex needs to read a book before his course starts.

The book has 165 pages.

Alex reads the same number of whole pages every day for six days.

What is the highest number of whole pages he can read each day?

Show your working.

[2 marks]

Handwritten working for the division of 165 by 6:

$$\begin{array}{r} 27 \text{ rem } 3 \\ 6 \overline{) 165} \\ \underline{12} \\ 45 \\ \underline{42} \\ 3 \end{array}$$

27 whole pages

How many pages does Alex have left to read?

[1 mark]

Handwritten answer:

3

3.

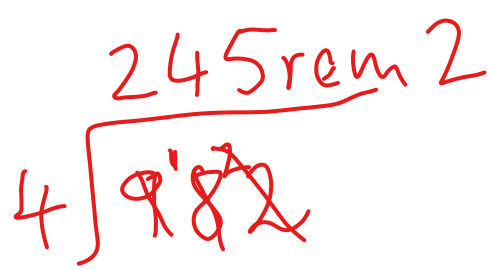
Rishi has 982 leaflets.

He asks four people to hand them out.

He shares them equally between the four people.

How many leaflets does each person get?

[2 marks]



Handwritten long division showing 982 divided by 4 equals 245 remainder 2.

$$4 \overline{) 982} \begin{array}{r} 245 \text{ rem } 2 \end{array}$$

How many leaflets are left over?

[1 mark]



Handwritten number 2.

$$2$$

Entry 3 Division Exam Questions

City & Guilds

4.

$822 \div 12 =$

$$\begin{array}{r} 68 \text{ rem } 6 \\ 12 \overline{) 822} \\ \underline{72} \\ 102 \\ \underline{108} \\ 6 \end{array}$$

68 remainder 6

1 mark

5.

$915 \div 30 =$

$$\begin{array}{r} 30 \text{ rem } 15 \\ 30 \overline{) 915} \\ \underline{90} \\ 15 \end{array}$$

30 remainder 15

1 mark

Calculator Questions

NCFE

1.

The cinema can hold 912 people in total.

It can show eight films at the same time.

The cinema is full and each film is watched by the same number of people.

How many people can watch each film?

[2 marks]

$$912 \div 8 = 114$$

2.

Steven checks the money in the till at the end of the day.

There are 132 one pound coins.

He puts the coins into piles of £20

How many one pound coins are left over?

[3 marks]

$$132 \div 20 = 6 \text{ rem } 12$$

12

Entry 3 Division Exam Questions

3.

Jamie has 132 doughnuts.

He puts the doughnuts into boxes.

He puts six doughnuts into each box.

How many boxes does Jamie need?

[2 marks]

$132 \div 6 = 22$

City & Guilds

4.

$650 \div 20 =$

32 remainder 10

1 mark