Arithmetic Answers

1

Sample B Foundation Calc Paper 2

7 Tracy buys

2 coffees at	£1.10	each
3 teas at	95p	each
5 sandwiches at	£2.15	each

Tracy shares the total cost equally between 5 people.

How much does each person pay?

$2 \times 1.10 = 2.20$ (1) for 1 total

$3 \times 95p = 2.85$ (1)

$5 \times 2.15 = 10.75$

Total $2.20 + 2.85 + 10.75$

$= £15.80$

$15.80 \div 5 = £3.16$ (1) (1)

£ .....

(Total for Question 7 is 4 marks)

Sample B Foundation Calc Paper 2

2

Living to 100 years old
1 in 3 babies born last year are expected to live to 100 years old

720 000 babies were born last year.

How many of these babies are expected to live to 100 years old?

$\frac{1}{3}$ of 720 000 (1)

$\frac{1}{3} \times 720\,000 =$ 240 000 (1)

(Total for Question 5 is 2 marks)

3

Sample A Foundation Calc Paper 3

3 There are 6760 people at at a rugby match.
3879 of the people are men.
1241 of the people are women.

$\frac{1}{4}$ of the children are girls.

Work out how many boys are at the rugby match.

6760 − 3879 − 1241

= 1640 (1)

$\frac{1}{4}$ of 1640 = 410 girls (1)

1640 − 410 = 1230 boys (1)

(Total for Question 3 is 3 marks)