

CALCULATION PROBLEMS

ANSWER SHEET

Q1

$$\begin{array}{r} 85 \\ \times 7 \\ \hline 595 \end{array}$$
$$20 - 5.95 = 14.05$$

b) She will get the less change

Q2

35
70
105
140

$$35 \overline{) 500.0} \begin{array}{l} 14.2 \\ \hline \end{array}$$

Aimee buys 14 chocolate bars

$$\begin{array}{r} 35 \\ \times 14 \\ \hline 140 \\ 350 \\ \hline 490 \end{array}$$

\$4.90

$$\begin{array}{r} \$5 - \$4.90 \\ = \$0.10 \end{array}$$

Q3

5 pens 30 pounds

$$\begin{array}{r} 30 \\ \times 5 \\ \hline 150 \end{array}$$

$$\begin{array}{r} £10 - £1.5 \\ = £8.5 \end{array}$$

He will get more change.

Q4

Marker	Pencil	Ballpoint	Calculator
$\begin{array}{r} 85 \\ \times 6 \\ \hline 510 \end{array}$	$\begin{array}{r} 264 \\ \times 3 \\ \hline 792 \end{array}$	$\begin{array}{r} 52 \\ \times 5 \\ \hline 260 \end{array}$	$\begin{array}{r} 625 \\ \times 30 \\ \hline 18750 \end{array}$
	$\begin{array}{r} 18750 \\ 792 \\ 260 \\ + 510 \\ \hline 20312 \\ 22 \end{array}$		
			$\$203.120 \Rightarrow \text{Total money}$

Q5

$$6000 - 600 = 5400$$

$$12 \overline{) 5400}$$

$$= 450 \text{ £}$$

Q6

4 juices for £1.8 each
2 teas for £1.20 each
5 biscuits for £2.20 each

$$\begin{array}{r} 180 \\ \times 4 \\ \hline 720 \end{array}$$

$$\begin{array}{r} 120 \\ \times 2 \\ \hline 240 \end{array}$$

$$\begin{array}{r} 220 \\ \times 5 \\ \hline 1100 \end{array}$$

$$\begin{array}{r} 1100 \\ 240 \\ \oplus 720 \\ \hline 2060 \end{array}$$

$$= £20.60$$

Q7

$$\frac{160}{4} = 40p \text{ for pencil}$$

$$3 \times 40 = 120p$$

$$120p - 90p = 30p$$

$$\frac{30}{5} = 6p \text{ per marker}$$

$$= 40p + 2(6)$$

$$= 0.52p$$

Q8

2 markers cost £10.40 x 15

3 rulers cost £3.54 x 10

$$\begin{array}{r} 1040 \\ \times 15 \\ \hline 5200 \\ 10400 \\ \hline 15600 \end{array}$$

$$3.54 \times 10 = 35.4$$

$$\begin{array}{r} 156.00 \\ + 35.40 \\ \hline 191.40 \end{array}$$

191.40 pounds

Yes, he has enough money

Q9

$$\begin{array}{r} 930 \\ \times 12 \\ \hline 1860 \\ 9300 \\ \hline 11160 \end{array}$$

$$\begin{array}{r} 1150 \\ \times 4 \\ \hline 4600 \end{array}$$

$$\begin{array}{r} 11160 \\ + 4600 \\ \hline 15760 \end{array}$$

£157 > £150

Q10

$$6 \overline{) 118.8} \quad 19 \text{ Jars}$$

$$\begin{array}{r} 120 \\ \times 19 \\ \hline 1080 \\ 1200 \\ \hline 2280 \end{array}$$

£ 22.80

Ali have to pay 22.80 pounds

Q11

$$\frac{36}{2} = 18$$

$$\frac{480}{2} = 240$$

$$\begin{array}{r} 240 \\ - 18 \\ \hline 232 \end{array}$$

Q12

1.8 litre of water available
each cup needs 300 ml water

$$\begin{array}{l} 300 \\ 600 \\ 900 \\ 1200 \\ 1500 \\ \textcircled{1800} \\ 2100 \end{array}$$

6 cups

Q13

600 grams pack

2 washes a week, 50g each wash

= 100g a week

He need washing powder for 12 weeks

$$\begin{array}{r} 100 \\ \times 12 \\ \hline 200 \\ 1000 \\ \hline 1200 \text{ grams} \end{array}$$

$$\begin{array}{r} 600 \\ \textcircled{1200} \end{array}$$

2 packs
