1. 8 % + 4% = 12%

= 250g + 12% = R280

1. 280 – 250 = 30g
2. 280 \* 120 = 33 600g

33 600 – 23 000 = 10 600g

1. R100 / 1000 \* 280 = 28. 00kg
2. 33 600 / 1000 = 33,6kg

=R100 \* 33,6 kg = R 3360,00

1.2 12 % + 6 % = 18

250g + 18% = R295,00

1. R295,00 – 250g = 45g
2. R295,00 \* 1200 = 354000,00

=354000,00 – 10 000 = 34 4000,00g

1. R55,95 / 1000 \* 280 = 15,67 kg
2. 354000g / 1000 = 354,00 kg

= R55,95 \* 354,00kg = R 19806,300

1.3 R 99,99 + 10,50 + 8,59 + 5,55

= R125,59

1. R 125,59 \* 33,33 %

= R 41,86

1. R125,59 \* 10 = R 1255,90
2. R41,86 \* 100 / 114 = R36,72
3. R125,59 \* 8,5 /100 =R 10,68

R125,59 – R10,68 = R 114,91 \* 10

= R1149,10

QUESTION 2

2.1 16 + 12 = 28

220g + 28% = R 281,60

=28 \* 2,7kg = R 210,00

=7,5 / 220g = 34g

2.2 50/100 \* 4 = R 2kg

=2kg \* R 189.00 = R 378,00

R189,00 \* 4 = 756 \* 50/100 = R 378,00

2.3 26kg \* 12/100 = 3,12kg

26kg – 3,12kg = 22,88kg

22,88/150 \* 1000 = 153g

2.4 98 \* 8/100 = 7,84kg

98-7,84 = 90,16kg

24/100 \* 90,16kg = 21,64kg

=90,16kg – 21,64 = 68,52kg

=68,52\*1000/180g = 380g

2.5 (a) 5\* 80g = 400g = 0,4kg

75kg – 0,4kg = 2,35kg

2\*80g = 160g = 0,16kg

35 -0,16kg= 2,19kg

=19\*5/100 =0,1095g

(b) 2,8kg/2,75kg = 1,02 %

(c) 2,19 \* 5/100 = 0,1095kg

= 109,5g