1.1 NUMBER NCEA

MONEY AND ROUNDING

· When dealing with cash in dollars, round to a maximum of 1 dp, i.e. to the nearest 10c.
· Otherwise, round to a maximum of 2 dp, i.e. to the nearest 1c.
· Do not round until you reach your final answer. .

Example: Aroha bought 850 g of sausages that cost $11.99 per kilo. How much did, they cost? $11.99 x 0.85 = $10.1915
· They cost $10.19, or $10.20 if she pays cash.

Calculate the cost of the following. 1 14.5 m of wire at $3.99 per m
2 – 112 dozen eggs at $4.75 per dozen

3 –1.3 kg of apricots at $6.99 per kg
4 –415 g cheese at $29.95 per kg

5 –3.1 m of fabric at $19.99 per m
6 –345 g fish at $25.99 per kg

7 –750 g of potatoes at $2.99 per kg, 450 g of carrots at $1.99 per kg, and a head of broccoli at $1.99

8 –650 g of mince at $11.99 per kg and 1.25 kg of rump steak at $18.99 per kg

9– 2.5 m of fabric at $24.99 per m, 0.75 m of braid at $7.99 per m, and 1.5 m of ribbon at $2.99 per m

10 –Oscar needs 3,5 m of frost cloth at $2.39/m and 7.5 m of bird netting at $4.99/m. Calculate the total price:

a
if the two prices are rounded to the nearest cent and then added

b
if the two prices are added and then rounded to the nearest cent.