

A 1kg block of cheese costs \$6.80

a) Estimate the cost of buying 5kg of cheese. \$6.80 rounds to \$ To estimate multiply \$ x =\$ Estimate = \$	b) Calculate the cost of 5kg of cheese 1kg of cheese costs \$ so 5kg = x \$ = x (\$ + c) = \$ + c = \$ + \$ = \$
c) Calculate the cost of half a kg of cheese. $\frac{1}{2}$ means to $\div$ so $\frac{1}{2}$ kg = \$ $\div$ = \$ $\div$ + c $\div$ = \$ + c = \$	d) Explain why \$20 is a reasonable estimate for the cost of 3kg litres of cheese. 1kg of cheese = \$ This rounds to \$ 3 x \$ = \$ which is close to \$ so \$20 is a good estimate for 3kg of cheese

Every week James buys 20 kg of cheese from the dairy. He repackages the cheese into plastic containers. He buys containers at a cost of 50 cents each. He repackages the cheese he buys to fill ten 1 kg containers and five 2 kg containers. He sells the 1 kg containers for \$10 and the 2 kg containers for \$9.50.

How much money does he make each week?

How much does he make in a month?

Income Sales 1kg cheese ___ x \$10 \$ Sales 2kg cheese ___ x \$9.50 \$ Total \$	Expense Cheese ___ x \$6.80 \$ Containers ___ x \$0.50 \$ Total \$
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Weekly Balance = Income – Expenditure

\$ - \$ = \$

Monthly Balance = Weekly Balance x

4 x \$ = \$