

Oranges are sold at an orchard for \$4.90 a kilogram. There are usually 4 oranges per kg.

<p>a) Estimate the cost of 3 kilograms of oranges</p> <p>\$4.90 rounds to \$</p> <p>3 x \$ = \$</p>	<p>b) Calculate the cost of 3 kilograms of oranges</p> <p>Cost = x \$4.90</p> <p>x (\$4 + \$0.90)</p> <p>x \$4.00 = \$</p> <p>x \$0.90 = \$</p> <p>Cost = \$ + \$ = \$</p> <p>3 x 90 = so 3 x 0.90 =</p>
<p>c) Calculate the cost of buying half a kg of oranges.</p> <p>To find $\frac{1}{2}$ you need to divide by</p> <p>If 1kg cost \$4.90</p> <p>then</p> <p>$\frac{1}{2}$ kg is \$4.90 divided by</p> <p>$\frac{1}{2}$ of \$4.00 = \$</p> <p>$\frac{1}{2}$ of \$0.90 = \$</p> <p>So $\frac{1}{2}$ of \$4.90 = \$</p>	<p>d) Explain why \$50 is a reasonable estimate for the cost of 10 kg of oranges/</p> <p>The exact total = \$4.90 x</p> <p>To estimate you need to round \$4.90 to \$ and then multiply by</p> <p>Estimate = 10 x \$ = \$</p>

Every week James buys 12 kg of oranges from the orchard. He packages the oranges into mesh bags. The bags cost 50 cents each. He sells 1 kg bags of oranges for \$6 and 2 kg bags of oranges for \$11. If he sells **six** 1kg bags and **three** 2kg bags.

How much money does he make each week?

<p>Income</p> <p>6 x \$ = \$</p> <p>3 x \$ = \$</p> <p>Total \$</p>	<p>Expense</p> <p>x \$4.90 = \$</p> <p>x \$0.50 = \$</p> <p>Total \$</p>
<p>Balance =</p> <p>Income -</p> <p>\$ - \$</p>	<p>= Balance</p> <p>= \$</p>