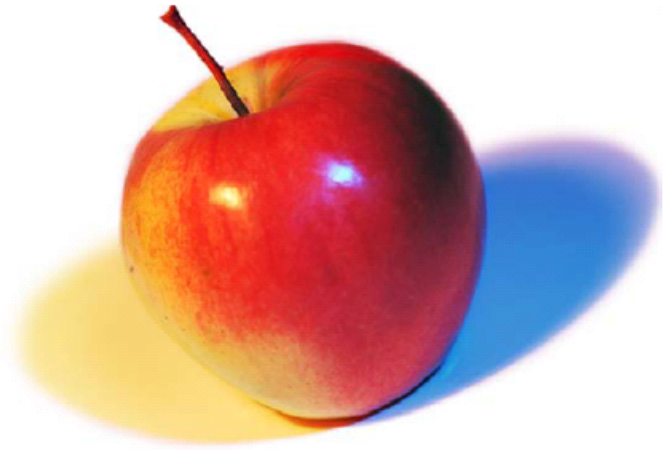


Recognise the problem type and use the ASK-THINK-DO procedure.



1. The mass of an apple core is about 8% of the mass of an apple. If apples are \$1.75 a kilogram, how much are you paying for the core?
2. A potato grower estimates that the amount of dirt on the potatoes he takes to market accounts for 3% of their total mass. If he sold a 1.44 tonne load of potatoes for \$331, how much would the potatoes be worth without the dirt?
3. If a greengrocer bought 3 bags of carrots for \$36, how much should she sell them for, per kilogram, to make a 15% profit?
4. To sell the remaining 13.5 kg of mushrooms before they were too old, a greengrocer decided to put them on special at \$4.29 per kilogram. If they had been selling previously for \$5.50 per kilogram, what percentage reduction was this?
5. Ann and Jim's parents were giving a dinner party. For the main course they decided to serve roast beef, baked potatoes, honey-glazed carrots, buttered pumpkin and fresh beans. Ann and Jim were asked to buy the vegetables. How much of each vegetable should they buy?
6. How much change would they get from \$50 if they took advantage of these specials?

TODAY'S SPECIALS	
Apples	2kg for \$2.45
Bananas	\$1.97 / kg
Beans	\$2.67 / kg
Broccoli	\$1.95 / kg
Carrots	89c / kg
Lettuce	89c each
Mushrooms	\$4.95 / kg
Peppers	\$3.79 / kg
Potatoes	5kg for \$2.85
Pumpkin	\$3.65 / kg
Strawberries	2 punnets for \$1.80

7. Kristy had to buy 2 kg of potatoes. How much change did she receive if she paid with a single note?
8. Greg bought $\frac{1}{2}$ kg mushrooms, 2 kg carrots, $1\frac{1}{2}$ kg beans, a lettuce and some strawberries. If he paid \$12.76, how many punnets of strawberries did he buy?