Learner 2 - GI 2, 3, 4 and 7

Meets requirements for addition, subtraction, multiplication, division, percentages, decimals and fractions.

To Market, To Market

Every Saturday Jenny and Paul go to their local farmers market to buy their supplies for the week.

At the market Jenny and Paul visit their favourite vegetable supplier.

They buy:
1.2 kg of tomatoes. The tomatoes cost $4.99 a kilo.
A bag of capsicums for $3.90.
A cauliflower for $4.80 and a head of broccoli for $1.15.
A bag of potatoes for $5.70.

How much do the five items cost in total?

$1.2 \times 4.99 =$ $5.99 tomatoes (1)
$3.90
$4.80   Total is $21.54
$1.15
$5.70
$21.54 (2)

At the fruit stall Jenny and Paul buy a large tray of strawberries for $7.40.
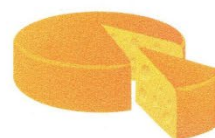If they pay $20 cash for the strawberries how much change will they get?

$20 - $7.40 = $12.60 (3)

At the cheese stall they purchase some brie.
The brie comes from a round.
The complete round costs $38.80 but Jenny and Paul only want one eighth of the round.

What is the cost of the cheese?

$\frac{1}{8}$ of $38.80 (4)
$38.80 \div 8 = $4.85

While they are at the market they decide to order their Christmas ham from Happy Hogs, the free range pork supplier.

The cost of the ham will be $92 and Jenny and Paul need to pay a 15% deposit.

How much is the deposit for the ham and how much will be left to pay when they collect the ham?

15% of $92   ⑤
15 ÷ 100 × 92 = $13.80 deposit

Still to pay $92 − $13.80 ⑥
            = $78.20

On the way home they stop at the service station and fill the car with diesel.
The price of diesel is 125.9 cents per litre.   Jenny knows this is about $1.26 per litre. They put 46 litres of diesel in the car.

How much do they pay for the diesel?

46 × $1.26 = $57.96 ⑦

If Jenny and Paul use their fuel card they would save $5.52
How many cents per litre is the fuel card discount?

$57.96 − $5.52 = $52.44 ⑧

46 litres for $52.44

52.44 ÷ 46 = $1.14 per litre ⑨

$1.26 − $1.14 = $0.12 ⑩
        discount is 12 cents per litre.