Sweet Thoughts

You need ☑ a calculator (optional)

Activity

Petherick School PTA is selling chocolate bars to raise money. Choice Chocolates sent them the following pricing information.

	Per bar	Per carton of 20
School pays	$1.15	$23
School sells for	$2.00	$40
Profit	85 cents	$17

Most of the school families are involved.
Each family tries to sell as many bars as possible.

1. For the following families, calculate how much money each family collected and then work out how much profit the school made.

   a. The Pirini family sold 4 whole cartons and sent 6 bars back out of the fifth carton.

   b. The Costello family sold 3 cartons and another 9 chocolate bars.

   c. The Dowrick family sold 15 chocolate bars.

   d. The Faletolu family sold 2 cartons and half of their third carton.

2. If 183 families sold 1 carton each, how much profit would Petherick School make?

3. If Petherick School made $5,287 profit:

   a. How many cartons did they sell?   b. How many bars did they sell?

Investigation

Petherick School cooked and sold 200 sausages for a sausage sizzle. They charged $1 per sausage. All the ingredients except the sausages and bread were donated, and one of the parents provided the barbecue and a full bottle of gas. How much profit did they make?

You will need to find out the cost of buying the sausages and the bread before you can solve this problem.