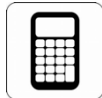**Question 1**

There are only cola bottles, jelly snakes and gummy bears in a bag.

There are three times as many cola bottles as jelly snakes and five times as many gummy bears as jelly snakes.

If there are 54 sweets all together, find how many of each type there are.

Solution

Question 2

There are only apples, bananas and oranges in a school canteen.

There are twice as many apples as bananas and three times as many oranges as apples.

If there are 54 pieces of fruit altogether, find how many of each type there are.

Solution

Question 3

Mrs Wood buys tickets for herself and her three children for a football match.

The cost of an adult ticket is £12 more than a child ticket. The total cost of the **four** tickets is £132.
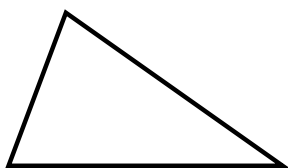
Work out the cost of an adult ticket and the cost of a child ticket.

Solution

Question 4

The size of the largest angle in a triangle is 60° more than the smallest angle. The third angle is 3 times the size of the smallest angle.

Work out, in degrees, the size of each angle in the triangle.

Solution