Moira buys 4 mangoes and 3 apples at a fruit shop.

The total cost is £4.25.

(a) Write down an equation to illustrate this information. **1**

Sami buys 5 mangoes and 2 apples in the same fruit shop.

The total cost is £4.70.

(b) Write down an equation to illustrate this information. **1**

(c) Calculate, algebraically, the cost of a mango and the cost of an apple. **4**

Answers:

Choosing m for the price of a mango and a for the price of an apple:

(a) $4m + 3a = 4.25$ (or 425 if working in pence)

(b) $5m + 2a = 4.70$ (or 470 if working in pence)

(c)   Mango 80p, apple 35p