$$\frac{a = \text{the number of apples I bought.}}{b = \text{the number of bananas I bought.}}$$

x = the cost of an apples in dollars.

y = the cost of a banana in dollars.

Apples cost half as much as bananas.

Bananas cost twice as much as apples.

I bought twice as many bananas as apples.

Altogether I bought 25 apples and bananas.

Altogether the apples I bought cost R25.

A banana costs R2.

Apples and bananas cost the same.

I paid R25 for all the apples and bananas I bought.

Bananas cost half as much as apples.

I bought 2 bananas.

E1

$$y = 2x$$

E2

$$x = \frac{1}{2}y$$

E3

$$b = 2a$$

E4

$$a = \frac{1}{2}b$$

E5

$$a + b = 25$$

E6

$$ax = 25$$

E7

$$b == 2$$

E8

$$x == 2y$$

E9

$$y = \frac{1}{2}x$$

E10

$$x = y$$

E11

$$y = 2$$

E12

$$ax + by = 25$$