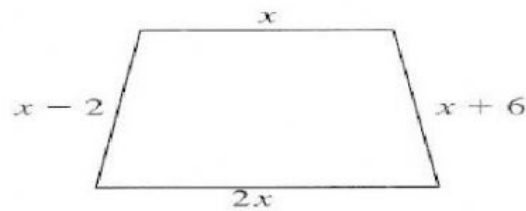The diagram below shows Mr. Jones' tomato field.

(i)   Write down an expression for the distance around the field.

Answer: _____
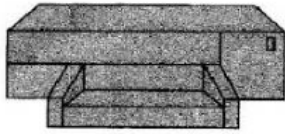
(ii)   Simplify your answer from part (i)

Answer: _____

The distance around the field is 124 m

(iii)   Using your answer from (ii), write an equation to show this information.

Answer: _____

(iv)   Solve your equation to find x.

Answer: _____

Printer = $ x   **5 times as much as the printer**

A computer costs five times as much as a printer.

(a)   Write an expression to show the cost of the computer.

Answer: _____

The cost of the computer and printer together is $1 320.

(b)   Write an equation to show this information.

Answer: _____

(c)   Solve the equation for **x**.

Answer: _____ [

(d)   Write down the cost of:

(i)   the printer,

Answer: _____ [

(ii)   the computer.

Answer: _____ [

Jack thinks of a number y, multiplies it by 3 then subtracts 5.

y multiplied by 3
then subtract 5

(a)   Write an expression to represent this.

Answer: _____

Susan thinks of the same number y and adds 15 to it.

y then
add 15

(b)   Write an expression to show this information.

Answer: _____

Both Jack and Susan end up with the same number.

(c)   Write an equation to show this.

Answer: _____

(d)   Solve your equation to find the value of y.

Answer: _____