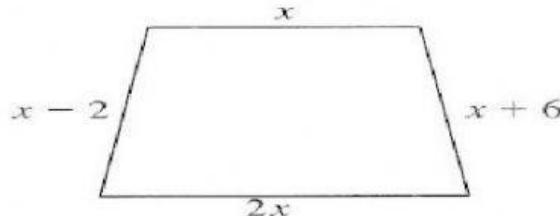


The diagram below shows Mr. Jones' tomato field.



(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: \_\_\_\_\_