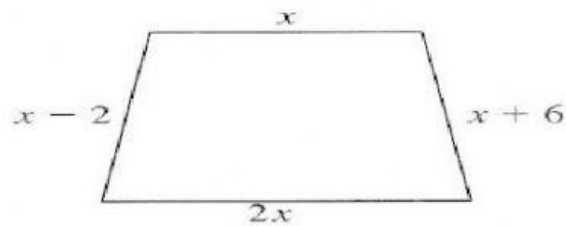


The diagram below shows Mr. Jones' tomato field.



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

Answer: _____

- (ii) Simplify your answer from part (i)

Answer: _____

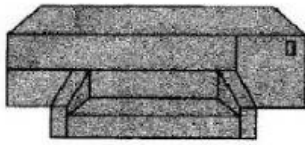
The distance around the field is 124 m

- (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: _____