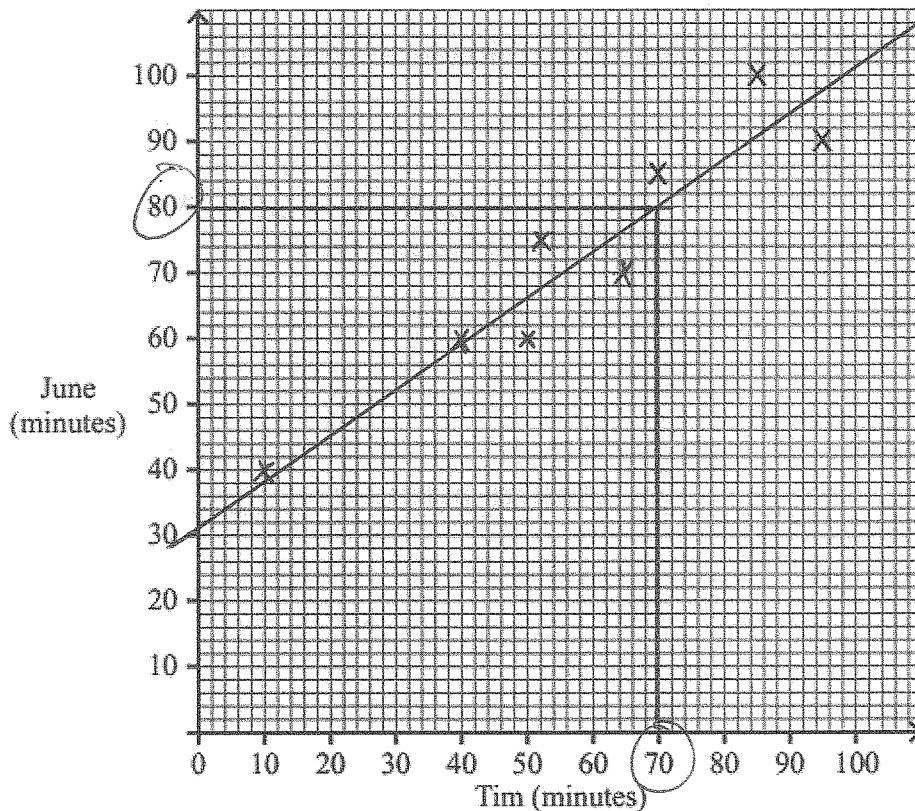


m4 = 4 days to go!

8 Tim and June recorded the amount of time in minutes they spent on different homeworks during one week. The results are shown below.

	Maths	English	Art	Geography	History	Science	Music	ICT
Tim	70	85	95	50	65	40	10	50
June	85	100	90	75	70	60	40	60



(a) Use the data to complete the scatter graph. The first three results are already plotted. [2]

(b) Draw the line of best fit. *Must use a ruler* [1]

(c) Tim spent 70 minutes on a Technology homework.

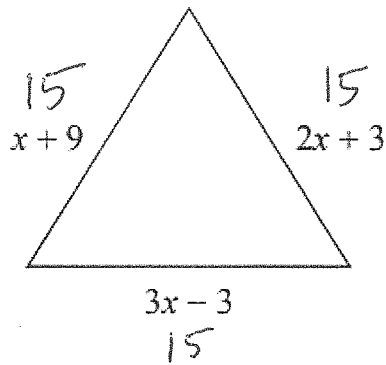
Use your line of best fit to estimate the time that June spent on the Technology homework.

Answer 80 minutes [1]

(d) What type of correlation does your graph show?

Positive

Answer _____ [1]



The diagram shows an equilateral triangle.

Form and solve an equation to calculate the **perimeter** of the triangle.

$$x+9 = 2x+3$$

Equation $x+9 = 2x+3$ [1]

$$9-3 = 2x-x$$

$$6 = x$$

Answer perimeter = 45 [3]