Direct and Inverse Proportions: Worksheet -4

1. If $x + 1$ men will do the work in $x + 1$ days, find the number of days that $(x + 2)$ men can finish the same work.

2. Given a rectangle with a fixed perimeter of 24 meters, if we increase the length by 1m the width and area will vary accordingly. Use the following table of values to look at how the width and area vary as the length varies? What do you observe? Write your observations in your note books:

Length (in cm)	1	2	3	4	5	6	7	8	9
breadth (in cm)	11	10	....	....	....	....	....	....	....
Area (in cm)²	11	20	....	....	....	....	....	....	....