

Quiz 1

Name: _____

1. A small company produces chairs. On the average one of its staff makes 2 chairs/hour. If from 8:00AM to 10:00AM three of the staff are working on making chairs and from 10:00AM to 1:00PM five of the are making chairs then

(a) Graph the number of staff working as a function of time:

(b) Graph the number of chairs made as a function of time:

(c) Give a formula for the number of chairs made as a function of time.

(d) What is the average number of chairs made by the company between 8:00AM and 1:00PM?