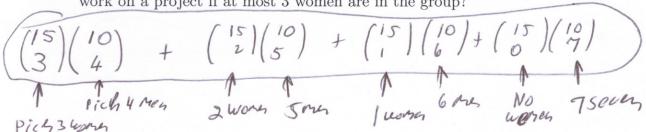
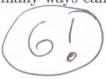
7

23. A computer programing team has 25 members: 15 of the members are women and 10 of the members are men. How many ways can a group of 7 be chosen to work on a project if at most 3 women are in the group?



24. How many ways can the letters of the word DESIGN be arranged in a row?



25. Let  $A = \{x, y, z, w\}$  and  $B = \{a, b\}$ . List the elements of  $B \times A$ .

$$(q, x)$$
  $(b, x)$   
 $(q, y)$   $(b, y)$   
 $(q, z)$   $(b, z)$   
 $(q, \omega)$   $(b, \omega)$