MA 110-91
§2.3 – 2.4

Quiz #4

score

Name: _____

23 September 2000

1. If Jim has 3 pairs of pants, 5 shirts, 3 pairs of socks, and 2 pairs of shoes (all distinguishable), how many possible pant-shirt-shoes-sock outfits does Jim have available? *(6 points)*

2. From a group of 10 people, how many different ways are there to choose a 3-person committee? How many different ways are there to choose a President, Vice President, and Treasurer? *(7 points)*

3. How many ways can 7 people be lined up in a row? How many ways can this be done if two particular people must be adjacent? *(7 points)*