







15) There are 5 teams of 4 people each. How many ways can you select 3 of the 20 people so all three people are from different teams?

Example: Select the 4<sup>th</sup> person on team 1, the 2<sup>nd</sup> person on team 2, and the 2<sup>nd</sup> person on team 5 - one person has been selected from each of three different teams.

Hint: Select 3 teams first. (How many ways can the 3 teams be selected?) Next select one person from each of those teams.

a) 38,400

b) 640

c) 192

d) 64

e) 1920

f) none of the above