Name _____ Date _____ Class _____

Ratios, Rates, Proportions and ACC Basketball

I. Rebounding – Determine which player averaged the most rebounds per game.

A. Jason Cain (UVA) - 229 rebounds / 30 games

B. Coleman Collins (VT) – 176 rebounds / 30 games

C. Jared Dudley (BC) - 239 rebounds / 36 games

D. Shelden Williams (Duke) – 384 rebounds / 36 games

E. Tyler Hansbrough (UNC) – 243 rebounds / 31 games

The player who averaged the most rebounds per game was _____.

II. Three Point Shooting - Determine which player averaged the most 3-point shots made per game.

A. Wes Miller (UNC) – 64 3-point shots made / 31 games

B. Anthony Morrow (GT) – 78 3-point shots made / 28 games

C. Andrew Wilson (FSU) – 41 3-point shots made / 30 games

D. J. R. Reynolds (UVA) – 60 3-point shots made / 30 games

E. Zabian Dowdell (VT) – 54 3-point shots made / 30 games

The player who averaged the most 3-point shots per game was _____.

III. Use proportions to solve the following problems. (If necessary, round to the nearest tenth.)

A. If Sean Singletary has scored 101 points in 18 games, approximately how many points is he likely to score in 30 games if he continues at the same rate?

B. If Maryland won 12 out of 20 games, approximately how many games are they likely to win out of 32 games if they continue at the same rate?

C. If Robert Hite played 497 minutes in 15 games, approximately how many minutes did he likely play in 34 games if he continues at the same rate?

D. If J.J. Redick scored 321 points in 12 games, approximately how many points did he likely score in 36 games?