Answer Key HW #2

1. .0864 (Geometric Prob)
2. .0791 (Geometric Prob)
3. .0630 (Geometric Prob)
4. B) Binomial because it is among the 5 drivers.
5. A) Binomial for a fixed number of shots, Geometric for a first make or miss

B) .0655 (Geometric Prob) p = .2 since it says miss

C) .0013 (Geometric Prob) p = .8 since it says make

D) .992 (Geometric Cumulative Prob) p = .8 (Type 3 in cell)

6. A) .0648 (Geometric Prob)

B) .184 (Geometric Prob for 2 and 3 and then add)

C) .0166 (Binomial Prob)

D) .0179 (1 - Binomial Cumulative with 2 in cell)

E) .9987 (Binomial Cumulative 3 in cell)