

**22S:25 HW Supplement 8**    Name \_\_\_\_\_ Sec \_\_\_\_\_  
**(Chapters 15 – 18) Directions:** Show the work in the space provided.

1. A fair coin is flipped **144 times**.

a) **Find the probability** that the coin lands on heads exactly 76 times in the 144 tosses.

b) Use a **normal curve to estimate** the probability of getting exactly 76 heads in the 144 tosses.