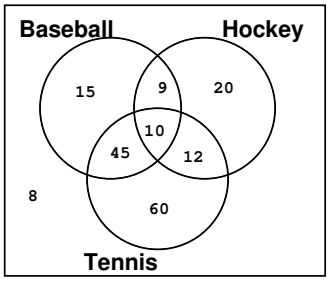
1. Use the information $n(J) = 20$, $n(J \cap K) = 14$, and $n(J \cup K) = 27$ to compute $n(K)$

   $n(J \cup K) = n(J) + n(K) - n(J \cap K)$
   $27 = 20 + n(K) - 14$
   $n(K) = 21$

2. A group of people were surveyed on which of these three sports they watched on Tv: Hockey (H), Baseball (B), and/or Tennis (T).



   (a) How many people watched only one of these sports?

   15+20+60 = 95

   (b) $n(B \cap T^C) =$

   15 + 9 = 24

   (c) $n(B \cup H) =$

   15+9+45+10+12+20 = 111

3. Shade the part of the venn diagram that is represents each of the given sets.

   $A \cup (B \cap C^C)$