Sports regulations usually give the sizes and weights of most sports balls over a range of values. You can write these ranges as inequalities. For each sport ball below, match the sizes and weights to their diameter $d$ or circumference $c$ and their weight $w$. You may use reference books or the Internet to help you research the ranges of values.

1. bowling ball (ten-pin)  
   **A.** $11$ in. $\leq d \leq 11\frac{1}{4}$ in.;  
   $14$ oz $\leq w \leq 15$ oz

2. bowling ball (candlepin)  
   **B.** $\frac{7}{8}$ in. $\leq d \leq 3$ in.;  
   $5$ oz $\leq w \leq 5\frac{1}{4}$ oz

3. baseball
   **C.** $68$ cm $\leq c \leq 70$ cm;  
   $410$ g $\leq w \leq 450$ g

4. basketball (men’s)
   **D.** $2\frac{1}{2}$ in. $\leq d \leq 2\frac{5}{8}$ in.;  
   $2$ oz $\leq w \leq 2\frac{1}{16}$ oz

5. tennis ball

6. hockey puck
   **E.** $d \leq 4\frac{1}{2}$ in.; $w \leq 2$ lb 7

7. soccer ball (size 5)
   **F.** $d = 8.5$ in.; $w \leq 16$ lb

8. football
   **G.** $d \leq 1.680$ in.; $w \leq 1.620$ oz

9. golf ball
   **H.** $28.5$ in. $\leq c \leq 29.0$ in.; $20$ oz $\leq w \leq 22$

   **I.** $d = 3$ in.; $5.5$ oz $\leq w \leq 6.0$ oz