Daily Dilemma #7: Answer Key

1. In 1692 the tree had been planted
   \[1692 - 1620 = 72\text{ years. So the tree was }72 + 7 = 79\text{ years old.}\]

2. There are about \(13 \cdot 6 = 78\) buildings altogether.
   46 buildings are shown so \(78 - 46 = 32\) hidden buildings.

3. 
   \[
   \begin{array}{|c|c|c|c|c|c|c|}
   \hline
   & 1 & 2 & 3 & 4 & 5 & 6 & 7 \\
   \hline
   \text{Bryan’s height before Ronnie} & 5 & 8 & 11 & 14 & 17 & 20 & 23 \\
   \hline
   \text{Bryan’s height after Ronnie} & 3 & 6 & 9 & 12 & 15 & 18 & 21 \\
   \hline
   \end{array}
   \]

   During the 6\textsuperscript{th} minute, Bryan reaches the top of the tree before Ronnie pulls him down.

4. A and D are Binkies assuming the criteria requires a closed curve with as many circles inside as outside.

5. 
   
   ![](image)

   \[645 - 457 = 188\text{ miles farther}\]