These are questions to test your understanding of the material. Some of these questions may appear on an exam.

1. What are K-D trees used for?
2. How does a 2-D tree extend a binary search tree?
3. Successively insert the following items into an initially empty 2-D tree:
   
   \[(53, 14), (27, 28), (30, 11), (67, 51), (70, 3)\].