Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Pythagorean Theorem

1. Which numbers below are Pythagorean Triples? How do you know?
2. 16,30,34
3. 6,8,9
4. 15,39,36
5. 16,65,63
6. 9,30,35
7. 40,42,58

2. Without measuring, find another point that is the same distance from A as B is. Explain your strategy.

Grid is on the next page.

3. A boat is 35 m due south of a dock. Another boat is 84 m due east of the dock. How far apart are the boats? Show all your work.