Alg 2 Practice #18 ANSWERS

1. $x = 50$ $y = 25\sqrt{3}$

2. $x = 18\sqrt{2}$ $y = 18$

3. $x = 2$ $y = 2\sqrt{3}$

4. $x = 35\sqrt{2}$ $y = 35\sqrt{2}$

5. $x = 5\sqrt{3}$ $y = 10\sqrt{3}$

6. a) $\sin P = \frac{28}{53}$ b) $\cos P = \frac{45}{53}$ c) $\tan Q = \frac{45}{28}$ d) $\cos Q = \frac{28}{53}$

7. $\cos B = \frac{63}{65}$ $\tan B == \frac{16}{63}$