Worksheet on Pythagorean Formula Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Calculate the missing side (leg or hypotenuse) of the right triangle. All answers should be given as exact answer. You can use the Pythagorean Theorem  or you may notice a pattern!

**Leg** **Leg Hypotenuse**

1. 3 4 \_\_\_

2. 6 8 \_\_\_

3. 15 \_\_\_ 25

4. 7 24 \_\_\_

5. 14 \_\_\_\_ 50

6. \_\_\_\_ 12 13

7. \_\_\_\_ 6 6.5

8. 8 15 \_\_\_\_\_

9. 4 \_\_\_\_ 8.5

10. 1 1 \_\_\_\_\_

11. 1 \_\_\_\_\_\_\_ 2

You can create your own Pythagorean triples! Start with any two positive integers “n” and “m” where “n” is greater than “m”.

