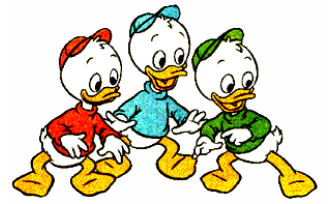
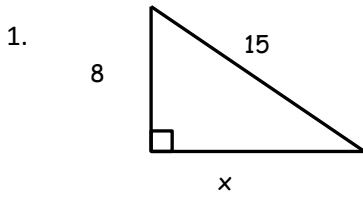


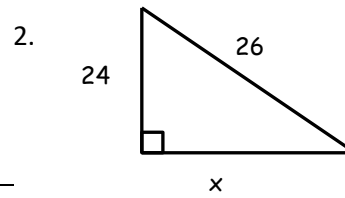
Name _____

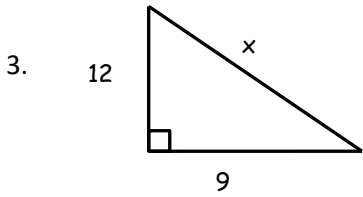


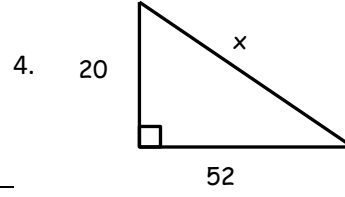
5.7 Pythagorean Triples and Radical Review Day 2 Homework

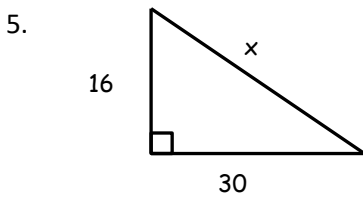
For each problem, solve for x ; leave your answer in simplified radical form. Also, indicate which Pythagorean Triple family the triangle belongs to (example: "3-4-5"). If it does not belong to a triple family, write "none".

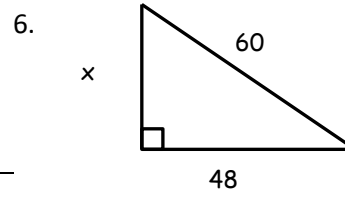


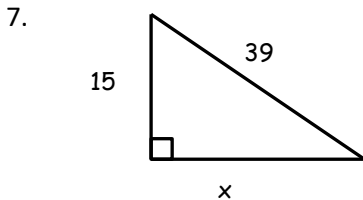


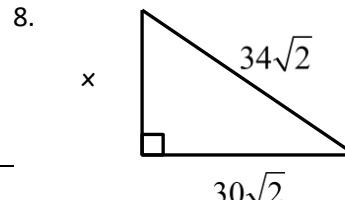


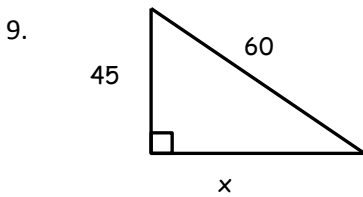


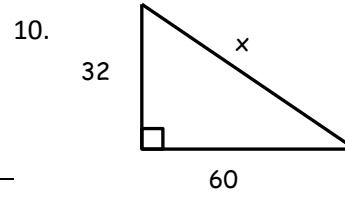


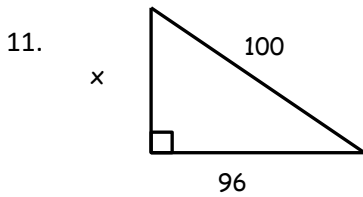


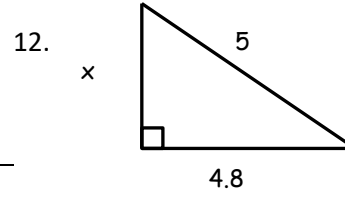




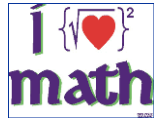








Part II: Radical Review



Directions: Simplify each expression below. Leave in simplified radical form.

1) $\sqrt{4}$

2) $\sqrt{27}$

3) $\sqrt{72}$

4) $5\sqrt{18}$

5) $\sqrt{4+9}$

6) $\sqrt{3^2+4^2}$

7) $\frac{1}{\sqrt{2}}$

8) $\frac{15}{\sqrt{5}}$

9) $\frac{7}{\sqrt{3}}$

10) $4\sqrt{3}+7\sqrt{3}$

11) $7\sqrt{2}+\sqrt{3}+6\sqrt{3}+\sqrt{2}$

12) $\sqrt{12}+\sqrt{27}$