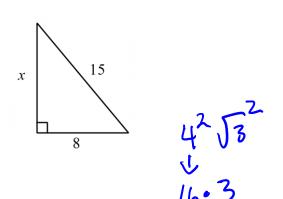
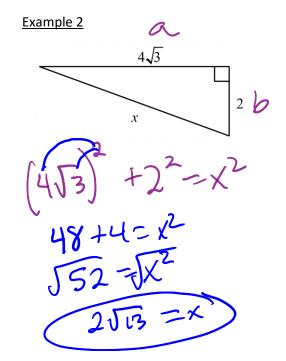
Date: 18/23 Unit 6 Section: Objective: I can simplify radical, find missing angle of triangle, find all thig Simplify the following radicals. ratios. Example 1 Example 2 <u>Steps</u> $\sqrt{13} \cdot \sqrt{13}$ $\sqrt{20} \cdot 3\sqrt{32}$ 9 T100 Simplify by rationalizing the denominator. 60 Example 1 <u>Steps</u> () times top + bottom $\frac{5\sqrt{20}}{3\sqrt{3}} \cdot \sqrt{3}$ by J in Lenom simplify num a 10515 Then the fraction What do you use to find the missing side of a right triangle? Pythagorean 10a2+16=C 6 62 +102 a 5136 2134 can only be used on **RIGHT** triangles!!!!!!!!!

Find the missing side of the following right triangles. Leave answers in simplest radical form. NO DECIMALS!!







<u>Rule:</u> Radicals cannot have decimals in them.

So, if the square root has a decimal in it, then round your answer to the nearest hundredth.

