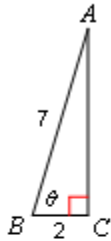


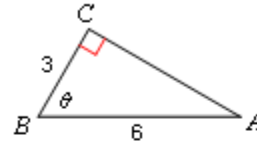
Geometry Review
Review of Right Triangles Simplifying Square Roots

Find the measure of each angle indicated. Round to the nearest tenth.

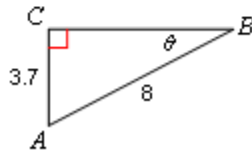
1)



2)

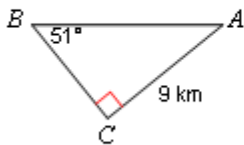


3)

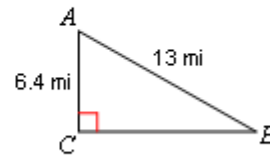


Solve each triangle. Round answers to the nearest tenth.

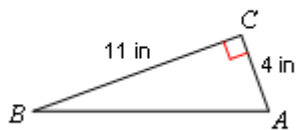
4)



5)



6)



Simplify.

7) $-3\sqrt{20} + 2\sqrt{5} - \sqrt{45}$

8) $-3\sqrt{6} - \sqrt{20} - 2\sqrt{54}$

9) $3\sqrt{2} - 2\sqrt{8} + 2\sqrt{54}$

10) $(-4\sqrt{2n} - 3\sqrt{3n})(3\sqrt{2} - 6\sqrt{3})$

11) $(-\sqrt{6} + 4\sqrt{3})(3\sqrt{6} - \sqrt{3p})$

12) $(-3\sqrt{3x} + 2\sqrt{6})(6\sqrt{3} + 4\sqrt{4x})$

13) $\frac{3\sqrt{3x^3} - \sqrt{x^3}}{-2x^2 - 4\sqrt{x^3}}$

14) $\frac{3\sqrt{5k^3} + 2k^2}{5k + 4\sqrt{2k}}$

15) $\frac{4\sqrt{3n^2} - 3\sqrt{n}}{\sqrt{3n^2} + 4}$

