**Geometry 1 Review: Simplifying Radicals**

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| 2(x + y) | (x + y)2 | (x y)2 |

**Find the mistake in each problem. Then fix the mistake and get the correct answer.**

Simplify the expression:

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| 1.) | $ \sqrt{176}$  | 2.) | $ 5\sqrt{432}$  |
| 3.) | $\frac{\sqrt{15}}{\sqrt{6}}$  | 4.) | $\sqrt{\frac{5}{21}}·\sqrt{\frac{7}{3}}$  |

5.) Find the length of $\overbar{AB}$ given A(2, 6) and B(-6, 1)

6.) Simplify the expression: (x + 5)2