5-2A CREDIT RECOVERY Rational Exponents - Multiplying

Simplify each expression using rational exponents. Write your answer in simplest **radical form**.

_____ 1. $x^{\frac{2}{5}} \bullet x^{\frac{1}{3}}$

_____ 2. $x^{\frac{1}{4}} \bullet x^{\frac{1}{3}}$

_____ 3. $x^{\frac{5}{6}} \bullet x^{\frac{3}{5}}$

_____ 4. $x^{\frac{3}{4}} \bullet x^{\frac{2}{3}}$

_____ 5. $\sqrt[5]{x^2} \bullet \sqrt{x^4}$