Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Multiplying and Dividing Radical Expressions

1) 3$\sqrt{12}∙ \sqrt{6}$ 2) $\sqrt{5}∙ \sqrt{10}$

3) $\sqrt{6}∙ \sqrt{6}$ 4) $\sqrt{5}∙ -4\sqrt{20}$

5) -4$\sqrt{15}∙ -1\sqrt{3}$ 6) $\sqrt{20x^{2}}$ $ ∙ \sqrt{20x}$

7) $\sqrt{15n^{2 }}∙\sqrt{10n^{3}}$ 8) $\sqrt{3}(5+ \sqrt{3})$

9) $\frac{2}{\sqrt{2}}$ 10) $\frac{\sqrt{6}}{\sqrt{5}}$ 11) $\sqrt{\frac{2}{3}}$ 12) $\frac{√2}{2√3}$

13) $\frac{\sqrt{3}}{\sqrt{5}}$ $∙$ $\frac{\sqrt{5}}{\sqrt{2}}$ 14) $\frac{2}{\sqrt{3}}$ $∙$ $\frac{\sqrt{5}}{\sqrt{3}}$ 15) $\sqrt{\frac{5}{7}}$ $∙$ $\sqrt{\frac{3}{2}}$