

Name _____ Date _____
MAT 1275CO – Mr. Kan Radical Numbers

1) Watch this video: https://www.youtube.com/watch?v=PMam2c_eXj4 on multiplying and dividing radical numbers.

2) $outside_1\sqrt{inside_2} \times outside_2\sqrt{inside_2}$

The BIG IDEA, as described: “The _____ get multiplied together

and the _____ get multiplied together.”

3) Multiply: $6\sqrt{10} * 2\sqrt{3}$

4) Multiply and express in simplest form: $\sqrt{2}(4 - \sqrt{12})$

5) Divide: $\sqrt{\frac{6}{7}}$

6) Multiply: $(x + 4)(x - 7)$