Student Name: _____ Score:

Division of Radicals Worksheet

Notes

Problems	Work Space
$\frac{\sqrt{244}}{\sqrt{61}} = \frac{\sqrt{4}}{\sqrt{1}} = 2$ Answer:	$\frac{\sqrt{36}}{\sqrt{49}} = \frac{6}{7}$
$\frac{\sqrt{3276}}{8\sqrt{21}} = \frac{\sqrt{16}}{8} = \frac{4}{8} = \frac{1}{2}$ Answer:	$\sqrt{\frac{4}{9}} = \frac{\sqrt{4}}{\sqrt{9}} = \frac{2}{3}$
$\sqrt{\frac{10050}{21}} = \sqrt{50} = 5\sqrt{2}$ $25 \cdot 2$ 55 Answer:	$\frac{\sqrt{1}}{\sqrt{3}} = \frac{1}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{\sqrt{3}}{3}$
$\frac{\sqrt{639}}{\sqrt{71}} = \frac{\sqrt{9}}{\sqrt{1}} = 3$ Answer:	$\frac{2}{\sqrt{5}} \cdot \frac{\sqrt{5}}{\sqrt{5}} = \frac{2\sqrt{5}}{5}$
$\frac{\sqrt{65}}{13\sqrt{121}} = \frac{\sqrt{65}}{13(11)} = \frac{\sqrt{65}}{143}$ $\sqrt{65}$ 1 Answer:	$\frac{\sqrt{189}}{\sqrt{105}} = \frac{\sqrt{9}}{\sqrt{5}} = \frac{3}{\sqrt{5}} \cdot \frac{\sqrt{5}}{\sqrt{5}} = \frac{3\sqrt{5}}{5}$