

Name:

UNIT 9 – POST-ASSESSMENT

RADICALS

$$\sqrt{3} \cdot \sqrt{27}$$

$\sqrt{81}$  9

$\textcircled{3} \uparrow 27$   
 $\textcircled{3} \uparrow 9$   
 $\textcircled{3} \textcircled{3}$

$$\sqrt{x^4 y}$$

$x^2 \sqrt{y}$

$$a^2 b \sqrt{a^3 b^2}$$

$a^3 b^2 \sqrt{a}$

$$\sqrt{\frac{2}{9}}$$

$\frac{\sqrt{2}}{3}$

$$\sqrt{\frac{2}{5}} \frac{\sqrt{2}}{\sqrt{6}} \frac{\sqrt{5}}{\sqrt{8}} \text{ \frac{\sqrt{10}}{5}}$$

$$2\sqrt{2} + 3\sqrt{8}$$

$\begin{matrix} \wedge \\ 4 & 2 \end{matrix}$

$$2\sqrt{2} + 6\sqrt{2}$$

$8\sqrt{2}$

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$$\sqrt{\frac{2}{9}}$$

$$\sqrt{\frac{2}{5}}$$

$$2\sqrt{2} + 3\sqrt{8}$$