

Nov.

Simplifying Radicals to Exact Answer

$$\frac{\sqrt{900}}{\sqrt{81}} = \frac{\sqrt{100}}{\sqrt{9}}$$
$$\frac{30}{9}$$

$$\frac{9.5}{9.5}$$

last year what you did

$$\sqrt{90} \approx 9.5$$

$$\sqrt{24}$$

$$\frac{\sqrt{4} \cdot \sqrt{6}}{2\sqrt{6}}$$

$$\frac{\sqrt{8} \cdot \sqrt{3}}{\sqrt{4} \cdot \sqrt{2} \cdot \sqrt{3}}$$
$$2\sqrt{6}$$

$$\frac{\sqrt{12} \cdot \sqrt{2}}{\sqrt{4} \cdot \sqrt{3} \cdot \sqrt{2}}$$
$$2\sqrt{6}$$

$$\frac{\sqrt{1} \cdot \sqrt{24}}{1 \cdot \sqrt{24}}$$
$$\sqrt{24} \text{ not simplified}$$

$$\sqrt{54}$$

$$\frac{\sqrt{9} \cdot \sqrt{6}}{3\sqrt{6}}$$

$$\frac{\sqrt{27} \cdot \sqrt{2}}{\sqrt{9} \cdot \sqrt{3} \cdot \sqrt{2}}$$
$$3\sqrt{6}$$

$$\frac{\sqrt{18} \cdot \sqrt{3}}{\sqrt{9} \cdot \sqrt{2} \cdot \sqrt{3}}$$
$$3\sqrt{6}$$

$$\sqrt{60}$$

$$\frac{\sqrt{16} \cdot \sqrt{6}}{\sqrt{2} \cdot \sqrt{2} \cdot \sqrt{3} \cdot \sqrt{2}}$$
$$\sqrt{4} \cdot \sqrt{15}$$
$$2\sqrt{15}$$

$$\frac{\sqrt{4} \cdot \sqrt{15}}{2\sqrt{15}}$$

$$\frac{\sqrt{12} \cdot \sqrt{5}}{\sqrt{4} \cdot \sqrt{3} \cdot \sqrt{5}}$$
$$2\sqrt{15}$$

$$\frac{\sqrt{20} \cdot \sqrt{3}}{\sqrt{4} \cdot \sqrt{5} \cdot \sqrt{3}}$$
$$2\sqrt{15}$$

$$\frac{\sqrt{30} \cdot \sqrt{2}}{\sqrt{15} \cdot \sqrt{2} \cdot \sqrt{2}}$$
$$\sqrt{4} \cdot \sqrt{15}$$
$$2\sqrt{15}$$

$$\frac{\sqrt{4}}{2}$$

$$\sqrt{90}$$

$$\sqrt{9 \cdot 10}$$

$$3\sqrt{10}$$

$$\sqrt{45 \cdot 2}$$

$$\sqrt{9 \cdot 5 \cdot 2}$$

$$3\sqrt{10}$$

$$\sqrt{30 \cdot 3}$$

$$\sqrt{6 \cdot 5 \cdot 3}$$

$$\sqrt{18 \cdot 5}$$

$$\sqrt{9 \cdot 2 \cdot 5}$$

$$3\sqrt{10}$$

$$\sqrt{96}$$

$$\sqrt{12 \cdot 8}$$

$$\sqrt{4 \cdot 3 \cdot 4 \cdot 2}$$

$$\sqrt{16 \cdot 6}$$

$$4\sqrt{6}$$

$$\sqrt{16 \cdot 6}$$

$$4\sqrt{6}$$

$$\sqrt{4 \cdot 24}$$

$$2\sqrt{24}$$

$$2 \cdot \sqrt{4 \cdot 6}$$

$$2 \cdot 2 \cdot \sqrt{6}$$

$$4\sqrt{6}$$

$$\sqrt{48 \cdot 2}$$

$$\sqrt{24 \cdot 2 \cdot 2}$$

$$\sqrt{4 \cdot 24}$$

$$2 \cdot \sqrt{4 \cdot 6}$$

$$2 \cdot 2 \cdot \sqrt{6}$$

$$4\sqrt{6}$$

$$\sqrt{32 \cdot 3}$$

$$\sqrt{16 \cdot 2 \cdot 3}$$

$$4\sqrt{6}$$

$\sqrt{35}$ in simplest radical form

$$\sqrt{128}$$

$$\sqrt{4 \cdot 32}$$

$$2 \cdot \sqrt{16 \cdot 2}$$

$$2 \cdot 4\sqrt{2}$$

$$8\sqrt{2}$$

$$\sqrt{4 \cdot 32}$$

$$8\sqrt{2}$$

$$\sqrt{16 \cdot 8}$$

$$4 \cdot \sqrt{4 \cdot 2}$$

$$4 \cdot 2\sqrt{2}$$

$$8\sqrt{2}$$

$\sqrt{-16}$ no solution

* You cannot take the square root of a negative number *