

How Do They Fit?

Simplifying Radicals

Instructions: Cut out the cards. Match each radical expression with its equivalent expression written in simplest radical form.

$2\sqrt{11}$ $\sqrt{54}$ $\sqrt{7}$ $\sqrt{8}$	$2\sqrt{2}$ $\sqrt{63}$ $\sqrt{13}$ $\sqrt{12}$	$2\sqrt{3}$ $\sqrt{72}$ $3\sqrt{11}$ $\sqrt{18}$	$3\sqrt{2}$ $\sqrt{75}$ $\sqrt{17}$ $2\sqrt{13}$
$\sqrt{19}$ $\sqrt{80}$ $3\sqrt{6}$ $\sqrt{20}$	$2\sqrt{5}$ $\sqrt{90}$ $3\sqrt{7}$ $\sqrt{24}$	$2\sqrt{6}$ $\sqrt{98}$ $6\sqrt{2}$ $\sqrt{27}$	$3\sqrt{3}$ $\sqrt{108}$ $5\sqrt{3}$ $3\sqrt{13}$
$2\sqrt{17}$ $\sqrt{112}$ $4\sqrt{5}$ $\sqrt{28}$	$2\sqrt{7}$ $\sqrt{125}$ $3\sqrt{10}$ $\sqrt{32}$	$4\sqrt{2}$ $\sqrt{147}$ $7\sqrt{2}$ $\sqrt{40}$	$2\sqrt{10}$ $\sqrt{162}$ $6\sqrt{3}$ $\sqrt{23}$
$5\sqrt{7}$ $\sqrt{29}$ $4\sqrt{7}$ $\sqrt{45}$	$3\sqrt{5}$ $2\sqrt{19}$ $5\sqrt{5}$ $\sqrt{48}$	$4\sqrt{3}$ $\sqrt{31}$ $7\sqrt{3}$ $\sqrt{50}$	$5\sqrt{2}$ $3\sqrt{17}$ $9\sqrt{2}$ $4\sqrt{11}$