

Simplifying Radicals Puzzle

Cut out the puzzle pieces above. Match the radical expression with its *most simplified* form.

Name _____

Period _____

HINT: Start w/ $\sqrt{200}$ and work out.

Expressions along the outside are NOT in simplest form.

$2\sqrt{8}$ $4\sqrt{125}$	$2\sqrt{72}$ $11\sqrt{3}$	$4\sqrt{88}$ $4\sqrt{2}$	$2\sqrt{20}$ $2\sqrt{14}$
D	Q	L	J
$\sqrt{52}$	$\sqrt{40}$	$\sqrt{80}$	$\sqrt{45}$
$2\sqrt{13}$	$2\sqrt{10}$	$4\sqrt{5}$	$3\sqrt{5}$
M	C	E	R
$2\sqrt{24}$	$4\sqrt{3}$	$10\sqrt{2}$	$7\sqrt{6}$
$\sqrt{288}$	$\sqrt{72}$	$\sqrt{588}$	$\sqrt{320}$
$12\sqrt{2}$	$6\sqrt{2}$	$14\sqrt{3}$	$8\sqrt{5}$
K	F	B	G
$2\sqrt{176}$	$3\sqrt{10}$	$4\sqrt{6}$	$5\sqrt{7}$
$\sqrt{27}$	$\sqrt{243}$	$\sqrt{75}$	$\sqrt{500}$
$3\sqrt{3}$	$9\sqrt{3}$	$5\sqrt{3}$	$10\sqrt{5}$
N	H	P	A
$\sqrt{2\sqrt{48}}$	$8\sqrt{11}$	$13\sqrt{2}$	$3\sqrt{15}$
$\sqrt{8}$	$\sqrt{5\sqrt{12}}$	$\sqrt{7\sqrt{24}}$	$2\sqrt{80}$