Adding, Subtracting, and Multiplying Radical Expressions Math Maze Level 2

Name: Answer Key

Directions: Begin at the start. Complete the maze by following the path of correct answers until you get to the exit! Draw arrows to show the path you took.

Date: _____   Period: _____

		Start	
$\sqrt{54}+\sqrt{24}$	$3\sqrt{20}\bullet 2\sqrt{5}$	$4\sqrt{5}+2\sqrt{20}$	$4\sqrt{12}-6\sqrt{48}$

60 · 30 · 8√5

| $5\sqrt{6}$ | $6\sqrt{5}$ | $-\sqrt{3}$ | $7\sqrt{5}$ | $5\sqrt{3}$ | $6\sqrt{3}$ | $-16\sqrt{3}$ |

Exit ☺	$\sqrt{27}-\sqrt{48}$	$2\sqrt{3}\bullet 4\sqrt{5}$	$4\sqrt{3}\bullet 2\sqrt{6}$

√3 · 8√15 · 6√2

| $24\sqrt{2}$ | -20 | $30\sqrt{3}$ | 20 | $-14\sqrt{2}$ | $24\sqrt{2}$ | $8\sqrt{2}$ |

$6\sqrt{2}+4\sqrt{50}$	$3\sqrt{6}\bullet 5\sqrt{2}$	$5\sqrt{32}-3\sqrt{8}$	$-5\sqrt{3}+3\sqrt{27}$

26√2 · 8√3 · 14√2

| $\sqrt{2}$ | $-16\sqrt{5}$ | $-16\sqrt{2}$ | $4\sqrt{3}$ | $13\sqrt{2}$ | 80 | $4\sqrt{3}$ |

$\sqrt{8}-\sqrt{2}$	$-4\sqrt{5}-6\sqrt{20}$	$2\sqrt{6}-\sqrt{24}$	$-5\sqrt{2}\bullet 4\sqrt{8}$

14√5 · 0 · −80