ESTIMATING SQUARE ROOTS MAZE

Name _____

Directions: Eli the Elephant is hungry and wants his peanut lunch! Help Eli find his way to his peanuts by following the path of correct answers through the maze. Estimate the square root of the number in each box and follow the correct answer to the next box. The right answers will lead Eli to his lunch!

| | 2.5 | $\sqrt{6}$ | 6.5 | $\sqrt{42}$ | 3.9 | $\sqrt{18}$ | 10.1 | $\sqrt{101}$ |

Diagonal/vertical labels row 1: 9.6, 9.7, 3.1, 7.6, 8.8, 4.2, 4.8, 6.4, 5.5

| $\sqrt{93}$ | 8.4 | $\sqrt{95}$ | 9.5 | $\sqrt{78}$ | 8.1 | $\sqrt{10}$ | 4.9 | $\sqrt{30}$ |

Diagonal/vertical labels row 2: 7.4, 8.5, 3.1, 4.6, 7.8, 3.2, 9.9, 11.6, 11.7

| $\sqrt{55}$ | 4.2 | $\sqrt{28}$ | 5.9 | $\sqrt{24}$ | 12.1 | $\sqrt{111}$ | 10.5 | $\sqrt{136}$ |

Diagonal/vertical labels row 3: 4.8, 6.7, 3.8, 5.3, 5.9, 6.7, 6.9, 11.1, 12.1

| $\sqrt{46}$ | 5.2 | $\sqrt{52}$ | 7.2 | $\sqrt{45}$ | 7.5 | $\sqrt{37}$ | 12.9 | $\sqrt{168}$ |

Diagonal/vertical labels row 4: 8.4, 6.9, 9.4, 4.1, 2.1, 6.1, 5.8, 3.1, 4.6

| $\sqrt{70}$ | 8.2 | $\sqrt{67}$ | 2.8 | $\sqrt{8}$ | 7.2 | $\sqrt{53}$ | 5.1 | START $\sqrt{21}$ |

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