

Name Key
Mrs. Roubos

Date _____
8R Period _____

Operations with Estimating Square Roots
Homework
** Show Work**

Approximate each square root and simplify

1) $\sqrt{8} - \sqrt{2}$

2.83 - 1.41

1.42

2) $\sqrt{3} \cdot \frac{1}{3}$

1.73 \cdot .33

0.5709
.57

3) $\pi + \sqrt{50}$

3.14 + 7.07

10.21

4) $5\sqrt{2} - 3\sqrt{2}$

7.07 - 4.24

2.83

5) $\sqrt{145} - \sqrt{15} \cdot \pi$

12.04 - 3.87 \cdot 3.14

12.04 - 12.1518

-0.1118
-0.11

6) $\sqrt{50} + \sqrt{75} + \sqrt{120}$

7.07 + 8.66 + 10.95

26.68

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