

ALGEBRA 1B

HOMEWORK: UNIT 9 OBJECTIVES 4 AND 5

Name: _____

Date: _____

A. Simplify.

1. $\sqrt{7} * \sqrt{7}$

2. $2\sqrt{10} * 3\sqrt{10}$

3. $\sqrt{3} * \sqrt{27}$

4. $4\sqrt{12} * 3\sqrt{3}$

5. $\sqrt{5} * \sqrt{10}$

6. $-\sqrt{8} * 3\sqrt{14}$

7. $\sqrt{\frac{4}{25}}$

8. $\sqrt{\frac{49}{100}}$

9. $\sqrt{\frac{3}{196}}$

10. $\sqrt{\frac{1}{5}}$

11. $\sqrt{\frac{8}{9}}$

12. $\sqrt{\frac{5}{6}}$

13. $\frac{\sqrt{3}}{\sqrt{6}}$

14. $\frac{4}{\sqrt{2}}$

15. $\frac{10}{\sqrt{5}}$