

JMJ

Name: _____
Algebra I

Date: _____

Directions: Add/Subtract each and simplify if possible.

1. $5\sqrt{2} + 8\sqrt{2}$

2. $4\sqrt{20} + -6\sqrt{20}$

3. $6\sqrt{12} - 3\sqrt{12}$

4. $\sqrt{2} + 4\sqrt{2} - 3\sqrt{2}$

5. $4\sqrt{5} - 3\sqrt{5}$

6. $\sqrt{6} + 3\sqrt{6}$

7. $7\sqrt{3} - 8\sqrt{3}$

8. $5a\sqrt{2b} + 3a\sqrt{2b}$

9. $4\sqrt{a} - 9\sqrt{a}$

10. $-4\sqrt{50} - 6\sqrt{50}$

11. $\sqrt{2} + \sqrt{32}$

12. $\sqrt{27} + \sqrt{48}$

13. $\sqrt{5} - \sqrt{80}$

14. $2\sqrt{2} + \sqrt{8} - 3\sqrt{18}$

15. $\sqrt{96} - 7\sqrt{6}$

16. $2\sqrt{40} + \sqrt{90}$

17. $5\sqrt{20} + \sqrt{45}$

18. $\sqrt{75} - \sqrt{192}$

19. $\sqrt{18a^3} - \sqrt{72a^3}$

20. $\sqrt{50a^3b^2} - \sqrt{18a^3b^2}$