

Name - _____

Start time - ___ : ___

End time - ___ : ___

Solve the following.

1. $2\sqrt{3} \times 5\sqrt{3} =$

7. $6\sqrt{2} \times 3\sqrt{2}$

2. $3\sqrt{5} \times \sqrt{5} =$

8. $\frac{7}{2\sqrt{5}}$

3. $7\sqrt{2} \times 3\sqrt{2}$

9. $3(2\sqrt{2} + 10)$

4. $5\sqrt{10} \times (2 - \sqrt{5})$

10. $\frac{2 + \sqrt{6}}{\sqrt{3}}$

5. $\sqrt[3]{24} \div \sqrt[4]{2} \times \sqrt[3]{3}$

11. $27\sqrt[3]{18} \div 3\sqrt[3]{9}$

6. $\sqrt{x^3 y^3} \div \sqrt[3]{x^4 y^3}$

12. $\frac{2\sqrt{2} + \sqrt{6}}{3\sqrt{2} + 3}$