

$$1. \sqrt{3} \times \sqrt{6}$$

$$5. \frac{5}{6} \sqrt[3]{15} \times 12 \sqrt[3]{50}$$

$$9. 3\sqrt{6} \times \sqrt{14} \times 2\sqrt{35}$$

$$13. \frac{2}{x} \sqrt{a^2 x} \times \frac{3}{2} \sqrt{\frac{1}{a^3}}$$

$$2. 5\sqrt{21} \times 2\sqrt{3}$$

$$6. x\sqrt{2a} \times \frac{1}{a} \sqrt{5a}$$

$$10. \frac{1}{2} \sqrt{21} \times \frac{2}{3} \sqrt{42} \times \frac{3}{7} \sqrt{22}$$

$$14. \frac{1}{3} \sqrt{\frac{x}{y^2}} \times 6 \sqrt{\frac{2}{y}}$$

$$3. \frac{1}{2} \sqrt{14} \times \frac{2}{7} \sqrt{21}$$

$$7. 5\sqrt{12} \times 3\sqrt{75}$$

$$11. 3\sqrt[3]{45} \times \frac{1}{6} \sqrt[3]{15} \times 4\sqrt[3]{20}$$

$$4. \sqrt[3]{12} \times \sqrt[3]{9}$$

$$8. \frac{3}{4} \sqrt[3]{9a^2} \times 8\sqrt[3]{3ab}$$

$$12. \frac{5}{6} \sqrt{\frac{7}{8}} \times \frac{3}{5} \sqrt{\frac{4}{7}}$$