

1 Exercises

1.1 Exercise

Multiply the fractions. Reduce your answer to its lowest terms. If your answer is an improper fraction, convert it to a mixed number. Show your work in the space provided.

1. $\frac{1}{3} \times \frac{1}{2} =$ ___

2. $\frac{1}{3} \times \frac{1}{3} =$ ___

3. $\frac{1}{3} \times \frac{3}{4} =$ ___

4. $\frac{4}{5} \times \frac{1}{2} =$ ___

5. $\frac{3}{5} \times \frac{1}{3} =$ ___

6. $\frac{2}{5} \times \frac{2}{3} =$ ___

7. $\frac{2}{3} \times \frac{3}{5} =$ ___

8. $\frac{1}{8} \times \frac{2}{6} =$ ___

9. $\frac{2}{5} \times \frac{2}{6} =$ ___

10. $\frac{2}{4} \times \frac{4}{5} =$ ___

11. $\frac{9}{6} \times \frac{1}{3} =$ ___

12. $\frac{1}{3} \times \frac{11}{6} =$ ___

13. $\frac{3}{6} \times \frac{2}{6} =$ ___

14. $\frac{10}{6} \times \frac{3}{2} =$ ___

15. $\frac{20}{3} \times \frac{1}{6} =$ ___

$$16. \frac{2}{5} \times \frac{14}{3} = \underline{\hspace{2cm}}$$

$$17. \frac{10}{3} \times \frac{2}{7} = \underline{\hspace{2cm}}$$

$$18. \frac{10}{4} \times \frac{3}{4} = \underline{\hspace{2cm}}$$

$$19. \frac{9}{5} \times \frac{3}{4} = \underline{\hspace{2cm}}$$

$$20. \frac{5}{3} \times \frac{11}{4} = \underline{\hspace{2cm}}$$

$$21. \frac{4}{7} \times \frac{4}{6} = \underline{\hspace{2cm}}$$

$$22. \frac{22}{3} \times \frac{2}{6} = \underline{\hspace{2cm}}$$

$$23. \frac{10}{4} \times \frac{4}{5} = \underline{\hspace{2cm}}$$

$$24. \frac{3}{5} \times \frac{9}{6} = \underline{\hspace{2cm}}$$

$$25. \frac{8}{7} \times \frac{2}{8} = \underline{\hspace{2cm}}$$

$$26. \frac{22}{6} \times \frac{1}{8} = \underline{\hspace{2cm}}$$

$$27. \frac{2}{5} \times \frac{26}{6} = \underline{\hspace{2cm}}$$

$$28. \frac{11}{8} \times \frac{6}{4} = \underline{\hspace{2cm}}$$

$$29. \frac{17}{5} \times \frac{9}{3} = \underline{\hspace{2cm}}$$

$$30. \frac{3}{6} \times \frac{23}{7} = \underline{\hspace{2cm}}$$

$$31. \frac{3}{9} \times \frac{27}{4} = \underline{\hspace{2cm}}$$

$$32. \frac{4}{6} \times \frac{14}{9} = \underline{\hspace{2cm}}$$

$$33. \frac{12}{3} \times \frac{17}{5} = \underline{\hspace{2cm}}$$

34. $\frac{4}{5} \times \frac{28}{6} = \underline{\hspace{2cm}}$

35. $\frac{14}{7} \times \frac{11}{4} = \underline{\hspace{2cm}}$

36. $\frac{17}{6} \times \frac{9}{6} = \underline{\hspace{2cm}}$

37. $\frac{23}{6} \times \frac{17}{3} = \underline{\hspace{2cm}}$

38. $\frac{8}{10} \times \frac{15}{6} = \underline{\hspace{2cm}}$

39. $\frac{7}{5} \times \frac{26}{8} = \underline{\hspace{2cm}}$

2 Answers

2.1 Exercise

Multiply the fractions. Reduce your answer to its lowest terms. If your answer is an improper fraction, convert it to a mixed number. Show your work in the space provided.

1. $\frac{1}{3} \times \frac{1}{2} = \underline{\frac{1}{6}}$

2. $\frac{1}{3} \times \frac{1}{3} = \underline{\frac{1}{9}}$

3. $\frac{1}{3} \times \frac{3}{4} = \underline{\frac{1}{4}}$

4. $\frac{4}{5} \times \frac{1}{2} = \underline{\frac{2}{5}}$

5. $\frac{3}{5} \times \frac{1}{3} = \underline{\frac{1}{5}}$

6. $\frac{2}{5} \times \frac{2}{3} = \underline{\frac{4}{15}}$

7. $\frac{2}{3} \times \frac{3}{5} = \underline{\frac{2}{5}}$

8. $\frac{1}{8} \times \frac{2}{6} = \underline{\frac{1}{24}}$

9. $\frac{2}{5} \times \frac{2}{6} = \underline{\frac{2}{15}}$

$$10. \quad \frac{2}{4} \times \frac{4}{5} = \underline{\frac{2}{5}}$$

$$11. \quad \frac{9}{6} \times \frac{1}{3} = \underline{\frac{1}{2}}$$

$$12. \quad \frac{1}{3} \times \frac{11}{6} = \underline{\frac{11}{18}}$$

$$13. \quad \frac{3}{6} \times \frac{2}{6} = \underline{\frac{1}{6}}$$

$$14. \quad \frac{10}{6} \times \frac{3}{2} = \underline{2\frac{1}{2}}$$

$$15. \quad \frac{20}{3} \times \frac{1}{6} = \underline{1\frac{1}{9}}$$

$$16. \quad \frac{2}{5} \times \frac{14}{3} = \underline{1\frac{13}{15}}$$

$$17. \quad \frac{10}{3} \times \frac{2}{7} = \underline{\frac{20}{21}}$$

$$18. \quad \frac{10}{4} \times \frac{3}{4} = \underline{1\frac{7}{8}}$$

$$19. \quad \frac{9}{5} \times \frac{3}{4} = \underline{1\frac{7}{20}}$$

$$20. \quad \frac{5}{3} \times \frac{11}{4} = \underline{4\frac{7}{12}}$$

$$21. \quad \frac{4}{7} \times \frac{4}{6} = \underline{\frac{8}{21}}$$

$$22. \quad \frac{22}{3} \times \frac{2}{6} = \underline{2\frac{4}{9}}$$

$$23. \quad \frac{10}{4} \times \frac{4}{5} = \underline{2}$$

$$24. \quad \frac{3}{5} \times \frac{9}{6} = \underline{\frac{9}{10}}$$

$$25. \quad \frac{8}{7} \times \frac{2}{8} = \underline{\frac{2}{7}}$$

$$26. \quad \frac{22}{6} \times \frac{1}{8} = \underline{\frac{11}{24}}$$

$$27. \quad \frac{2}{5} \times \frac{26}{6} = \underline{1\frac{11}{15}}$$

$$28. \quad \frac{11}{8} \times \frac{6}{4} = \underline{2\frac{1}{16}}$$

$$29. \quad \frac{17}{5} \times \frac{9}{3} = \underline{10\frac{1}{5}}$$

$$30. \quad \frac{3}{6} \times \frac{23}{7} = \underline{1\frac{9}{14}}$$

$$31. \quad \frac{3}{9} \times \frac{27}{4} = \underline{2\frac{1}{4}}$$

$$32. \quad \frac{4}{6} \times \frac{14}{9} = \underline{1\frac{1}{27}}$$

$$33. \quad \frac{12}{3} \times \frac{17}{5} = \underline{13\frac{3}{5}}$$

$$34. \quad \frac{4}{5} \times \frac{28}{6} = \underline{3\frac{11}{15}}$$

$$35. \quad \frac{14}{7} \times \frac{11}{4} = \underline{5\frac{1}{2}}$$

$$36. \quad \frac{17}{6} \times \frac{9}{6} = \underline{4\frac{1}{4}}$$

$$37. \quad \frac{23}{6} \times \frac{17}{3} = \underline{21\frac{13}{18}}$$

$$38. \quad \frac{8}{10} \times \frac{15}{6} = \underline{2}$$

$$39. \quad \frac{7}{5} \times \frac{26}{8} = \underline{4\frac{11}{20}}$$