

# 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.  $3\frac{7}{9} \times 4 =$  \_\_\_\_\_

2.  $3\frac{2}{3} \times 2 =$  \_\_\_\_\_

3.  $0 \times \frac{1}{6} =$  \_\_\_\_\_

4.  $0 \times \frac{1}{2} =$  \_\_\_\_\_

5.  $0 \times \frac{4}{5} =$  \_\_\_\_\_

6.  $0 \times \frac{1}{7} =$  \_\_\_\_\_

7.  $5 \times \frac{1}{4} =$  \_\_\_\_\_

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

9.  $\frac{1}{2} \times \frac{6}{4} =$  \_\_\_\_\_

10.  $\frac{2}{3} \times \frac{3}{4} =$  \_\_\_\_\_

11.  $3\frac{1}{3} \times 5\frac{1}{2} =$  \_\_\_\_\_

12.  $2\frac{3}{6} \times \frac{1}{4} =$  \_\_\_\_\_

13.  $\frac{12}{5} \times \frac{1}{3} =$  \_\_\_\_\_

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

15.  $\frac{1}{4} \times \frac{22}{3} =$  \_\_\_\_\_

16.  $\frac{1}{2} \times \frac{27}{5} =$  \_\_\_\_\_

17.  $\frac{2}{4} \times \frac{12}{3} =$  \_\_\_\_\_

18.  $\frac{7}{5} \times \frac{3}{3} =$  \_\_\_\_\_

19.  $\frac{2}{4} \times 5\frac{2}{4} =$  \_\_\_\_\_

20.  $\frac{14}{4} \times \frac{2}{3} =$  \_\_\_\_\_

21.  $5\frac{2}{4} \times 4\frac{1}{3} =$  \_\_\_\_\_

22.  $6\frac{1}{6} \times \frac{2}{7} =$  \_\_\_\_\_

23.  $1\frac{1}{6} \times 3\frac{4}{7} =$  \_\_\_\_\_

24.  $\frac{1}{4} \times \frac{27}{5} =$  \_\_\_\_\_

25.  $\frac{2}{4} \times \frac{19}{5} =$  \_\_\_\_\_

26.  $\frac{26}{5} \times 1\frac{2}{3} =$  \_\_\_\_\_

27.  $\frac{2}{5} \times 3\frac{5}{8} =$  \_\_\_\_\_

28.  $\frac{19}{6} \times 1\frac{3}{4} =$  \_\_\_\_\_

29.  $\frac{5}{6} \times 5\frac{3}{5} =$  \_\_\_\_\_

30.  $\frac{20}{5} \times \frac{7}{6} =$  \_\_\_\_\_

31.  $\frac{7}{10} \times \frac{20}{3} =$  \_\_\_\_\_

32.  $\frac{7}{9} \times \frac{18}{4} =$  \_\_\_\_\_

33.  $\frac{19}{6} \times \frac{8}{6} =$  \_\_\_\_\_

34.  $\frac{21}{6} \times \frac{14}{4} = \underline{\hspace{2cm}}$

35.  $\frac{15}{4} \times \frac{24}{5} = \underline{\hspace{2cm}}$

36.  $4\frac{9}{10} \times \frac{5}{6} = \underline{\hspace{2cm}}$

37.  $5\frac{3}{9} \times 5\frac{3}{9} = \underline{\hspace{2cm}}$

## 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.  $3\frac{7}{9} \times 4 = \underline{15\frac{1}{9}}$

2.  $3\frac{2}{3} \times 2 = \underline{7\frac{1}{3}}$

3.  $0 \times \frac{1}{6} = \underline{0}$

4.  $0 \times \frac{1}{2} = \underline{0}$

5.  $0 \times \frac{4}{5} = \underline{0}$

6.  $0 \times \frac{1}{7} = \underline{0}$

7.  $5 \times \frac{1}{4} = \underline{1\frac{1}{4}}$

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

9.  $\frac{1}{2} \times \frac{6}{4} = \underline{\frac{3}{4}}$

$$10. \quad \frac{2}{3} \times \frac{3}{4} = \underline{\frac{1}{2}}$$

$$11. \quad 3\frac{1}{3} \times 5\frac{1}{2} = \underline{18\frac{1}{3}}$$

$$12. \quad 2\frac{3}{6} \times \frac{1}{4} = \underline{\frac{5}{8}}$$

$$13. \quad \frac{12}{5} \times \frac{1}{3} = \underline{\frac{4}{5}}$$

$$14. \quad 6\frac{2}{3} \times \frac{2}{3} = \underline{4\frac{4}{9}}$$

$$15. \quad \frac{1}{4} \times \frac{22}{3} = \underline{1\frac{5}{6}}$$

$$16. \quad \frac{1}{2} \times \frac{27}{5} = \underline{2\frac{7}{10}}$$

$$17. \quad \frac{2}{4} \times \frac{12}{3} = \underline{2}$$

$$18. \quad \frac{7}{5} \times \frac{3}{3} = \underline{1\frac{2}{5}}$$

$$19. \quad \frac{2}{4} \times 5\frac{2}{4} = \underline{2\frac{3}{4}}$$

$$20. \quad \frac{14}{4} \times \frac{2}{3} = \underline{2\frac{1}{3}}$$

$$21. \quad 5\frac{2}{4} \times 4\frac{1}{3} = \underline{23\frac{5}{6}}$$

$$22. \quad 6\frac{1}{6} \times \frac{2}{7} = \underline{1\frac{16}{21}}$$

$$23. \quad 1\frac{1}{6} \times 3\frac{4}{7} = \underline{4\frac{1}{6}}$$

$$24. \quad \frac{1}{4} \times \frac{27}{5} = \underline{1\frac{7}{20}}$$

$$25. \quad \frac{2}{4} \times \frac{19}{5} = \underline{1\frac{9}{10}}$$

$$26. \quad \frac{26}{5} \times 1\frac{2}{3} = \underline{8\frac{2}{3}}$$

$$27. \quad \frac{2}{5} \times 3\frac{5}{8} = \underline{1\frac{9}{20}}$$

$$28. \frac{19}{6} \times 1\frac{3}{4} = \underline{5\frac{13}{24}}$$

$$29. \frac{5}{6} \times 5\frac{3}{5} = \underline{4\frac{2}{3}}$$

$$30. \frac{20}{5} \times \frac{7}{6} = \underline{4\frac{2}{3}}$$

$$31. \frac{7}{10} \times \frac{20}{3} = \underline{4\frac{2}{3}}$$

$$32. \frac{7}{9} \times \frac{18}{4} = \underline{3\frac{1}{2}}$$

$$33. \frac{19}{6} \times \frac{8}{6} = \underline{4\frac{2}{9}}$$

$$34. \frac{21}{6} \times \frac{14}{4} = \underline{12\frac{1}{4}}$$

$$35. \frac{15}{4} \times \frac{24}{5} = \underline{18}$$

$$36. 4\frac{9}{10} \times \frac{5}{6} = \underline{4\frac{1}{12}}$$

$$37. 5\frac{3}{9} \times 5\frac{3}{9} = \underline{28\frac{4}{9}}$$