

# 1 Exercises

## 1.1 Exercise

Divide 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.  $3 \div 3\frac{2}{3} =$  \_\_\_\_\_

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

3.  $4 \div 1\frac{5}{6} =$  \_\_\_\_\_

4.  $3\frac{2}{4} \div 5 =$  \_\_\_\_\_

5.  $2 \div 2\frac{1}{4} =$  \_\_\_\_\_

6.  $4\frac{4}{7} \div 1 =$  \_\_\_\_\_

7.  $2\frac{2}{3} \div 4 =$  \_\_\_\_\_

8.  $4\frac{3}{8} \div 5 =$  \_\_\_\_\_

9.  $2\frac{2}{3} \div 2\frac{1}{2} =$  \_\_\_\_\_

10.  $3\frac{1}{2} \div 3\frac{1}{3} =$  \_\_\_\_\_

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

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

13.  $4\frac{1}{5} \div 3\frac{1}{2} =$  \_\_\_\_\_

14.  $3\frac{2}{3} \div 2\frac{1}{4} =$  \_\_\_\_\_

15.  $5\frac{1}{5} \div 2\frac{1}{3} =$  \_\_\_\_\_

16.  $4\frac{1}{7} \div 1\frac{2}{4} =$  \_\_\_\_\_

17.  $2\frac{3}{8} \div 2\frac{1}{3} =$  \_\_\_\_\_

18.  $5\frac{1}{2} \div 3\frac{3}{6} =$  \_\_\_\_\_

19.  $2\frac{3}{5} \div 3\frac{2}{3} =$  \_\_\_\_\_

20.  $5\frac{2}{7} \div 2\frac{1}{4} =$  \_\_\_\_\_

21.  $2\frac{4}{6} \div 4\frac{1}{6} =$  \_\_\_\_\_

22.  $5\frac{1}{6} \div 4\frac{2}{5} =$  \_\_\_\_\_

23.  $5\frac{5}{6} \div 4\frac{1}{2} =$  \_\_\_\_\_

24.  $3\frac{5}{6} \div 5\frac{1}{3} =$  \_\_\_\_\_

25.  $5\frac{5}{6} \div 2\frac{1}{5} =$  \_\_\_\_\_

26.  $4\frac{5}{6} \div 5\frac{2}{3} =$  \_\_\_\_\_

27.  $3\frac{5}{7} \div 2\frac{3}{6} =$  \_\_\_\_\_

28.  $7\frac{2}{6} \div 2\frac{5}{6} =$  \_\_\_\_\_

29.  $2\frac{5}{6} \div 5\frac{5}{9} =$  \_\_\_\_\_

30.  $5\frac{5}{10} \div 4\frac{3}{6} =$  \_\_\_\_\_

## 2 Answers

### 2.1 Exercise

Divide 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.

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

$$2. \quad 3\frac{1}{6} \div 4 = \underline{\frac{19}{24}}$$

$$3. \quad 4 \div 1\frac{5}{6} = \underline{2\frac{2}{11}}$$

$$4. \quad 3\frac{2}{4} \div 5 = \underline{\frac{7}{10}}$$

$$5. \quad 2 \div 2\frac{1}{4} = \underline{\frac{8}{9}}$$

$$6. \quad 4\frac{4}{7} \div 1 = \underline{4\frac{4}{7}}$$

$$7. \quad 2\frac{2}{3} \div 4 = \underline{\frac{2}{3}}$$

$$8. \quad 4\frac{3}{8} \div 5 = \underline{\frac{7}{8}}$$

$$9. \quad 2\frac{2}{3} \div 2\frac{1}{2} = \underline{1\frac{1}{15}}$$

$$10. \quad 3\frac{1}{2} \div 3\frac{1}{3} = \underline{1\frac{1}{20}}$$

$$11. \quad 2\frac{2}{5} \div 2\frac{1}{2} = \underline{\frac{24}{25}}$$

$$12. \quad 1\frac{4}{6} \div 2\frac{1}{2} = \underline{\frac{2}{3}}$$

$$13. \quad 4\frac{1}{5} \div 3\frac{1}{2} = \underline{1\frac{1}{5}}$$

$$14. \quad 3\frac{2}{3} \div 2\frac{1}{4} = \underline{1\frac{17}{27}}$$

$$15. \quad 5\frac{1}{5} \div 2\frac{1}{3} = \underline{2\frac{8}{35}}$$

$$16. \quad 4\frac{1}{7} \div 1\frac{2}{4} = \underline{2\frac{16}{21}}$$

$$17. \quad 2\frac{3}{8} \div 2\frac{1}{3} = \underline{1\frac{1}{56}}$$

$$18. \quad 5\frac{1}{2} \div 3\frac{3}{6} = \underline{1\frac{4}{7}}$$

$$19. \quad 2\frac{3}{5} \div 3\frac{2}{3} = \underline{\frac{39}{55}}$$

$$20. \quad 5\frac{2}{7} \div 2\frac{1}{4} = \underline{2\frac{22}{63}}$$

$$21. \quad 2\frac{4}{6} \div 4\frac{1}{6} = \underline{\frac{16}{25}}$$

$$22. \quad 5\frac{1}{6} \div 4\frac{2}{5} = \underline{1\frac{23}{132}}$$

$$23. \quad 5\frac{5}{6} \div 4\frac{1}{2} = \underline{1\frac{8}{27}}$$

$$24. \quad 3\frac{5}{6} \div 5\frac{1}{3} = \underline{\frac{23}{32}}$$

$$25. \quad 5\frac{5}{6} \div 2\frac{1}{5} = \underline{2\frac{43}{66}}$$

$$26. \quad 4\frac{5}{6} \div 5\frac{2}{3} = \underline{\frac{29}{34}}$$

$$27. \quad 3\frac{5}{7} \div 2\frac{3}{6} = \underline{1\frac{17}{35}}$$

$$28. \quad 7\frac{2}{6} \div 2\frac{5}{6} = \underline{2\frac{10}{17}}$$

$$29. \quad 2\frac{5}{6} \div 5\frac{5}{9} = \underline{\frac{51}{100}}$$

$$30. \quad 5\frac{5}{10} \div 4\frac{3}{6} = \underline{1\frac{2}{9}}$$