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. $\frac{1}{3} \div \frac{1}{2} =$ __

2. $\frac{1}{2} \div \frac{1}{5} =$ ___

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

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

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

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

7. $\frac{3}{6} \div \frac{1}{4} =$ __

8. $\frac{1}{6} \div \frac{3}{5} =$ ___

9. $\frac{3}{4} \div \frac{2}{4} =$ ___

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

11. $\frac{1}{4} \div \frac{10}{3} =$ ___

12. $\frac{10}{8} \div \frac{1}{2} =$ ___

13. $\frac{7}{8} \div \frac{1}{3} =$ ___

14. $\frac{1}{6} \div \frac{18}{2} =$ ___

15. $\frac{2}{5} \div \frac{6}{4} =$ ___

16. $\frac{2}{4} \div \frac{11}{3} =$ ___

17. $\frac{1}{5} \div \frac{11}{5} =$ ___

18. $\frac{8}{3} \div \frac{2}{6} =$ __

19. $\frac{1}{2} \div \frac{29}{5} =$ ___

20. $\frac{3}{4} \div \frac{7}{5} =$ ___

21. $\frac{9}{5} \div \frac{5}{2} =$ ___

22. $\frac{10}{5} \div \frac{2}{5} =$ __

23. $\frac{3}{6} \div \frac{10}{3} =$ ____

24. $\frac{5}{8} \div \frac{3}{5} =$ _____

25. $\frac{3}{5} \div \frac{8}{5} =$ __

26. $\frac{15}{3} \div \frac{3}{5} =$ ____

27. $\frac{2}{4} \div \frac{14}{7} =$ __

28. $\frac{28}{8} \div \frac{1}{6} =$ ____

29. $\frac{4}{5} \div \frac{9}{8} =$ ____

30. $\frac{4}{7} \div \frac{11}{5} =$ ____

31. $\frac{11}{5} \div \frac{7}{5} =$ ____

32. $\frac{9}{6} \div \frac{12}{3} =$ __

33. $\frac{16}{5} \div \frac{6}{5} =$ ____

34. $\frac{12}{3} \div \frac{14}{5} =$ ____

35. $\frac{17}{4} \div \frac{21}{2} =$ ____

36. $\frac{10}{6} \div \frac{14}{4} =$ ____

37. $\frac{8}{2} \div \frac{23}{10} =$ ____

38. $\frac{17}{5} \div \frac{11}{4} =$ ____

39. $\frac{4}{6} \div \frac{27}{7} =$ ____

40. $\frac{20}{5} \div \frac{12}{6} =$ —

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

2. $\frac{1}{2} \div \frac{1}{5} = \underline{2\frac{1}{2}}$

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

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

5. $\frac{1}{4} \div \frac{5}{3} = \underline{\frac{3}{20}}$

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

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

8. $\frac{1}{6} \div \frac{3}{5} = \underline{\frac{5}{18}}$

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

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

11. $\frac{1}{4} \div \frac{10}{3} = \underline{\frac{3}{40}}$

12. $\frac{10}{8} \div \frac{1}{2} = \underline{2\frac{1}{2}}$

13. $\frac{7}{8} \div \frac{1}{3} = 2\frac{5}{8}$

14. $\frac{1}{6} \div \frac{18}{2} = \frac{1}{54}$

15. $\frac{2}{5} \div \frac{6}{4} = \frac{4}{15}$

16. $\frac{2}{4} \div \frac{11}{3} = \frac{3}{22}$

17. $\frac{1}{5} \div \frac{11}{5} = \frac{1}{11}$

18. $\frac{8}{3} \div \frac{2}{6} = 8$

19. $\frac{1}{2} \div \frac{29}{5} = \frac{5}{58}$

20. $\frac{3}{4} \div \frac{7}{5} = \frac{15}{28}$

21. $\frac{9}{5} \div \frac{5}{2} = \frac{18}{25}$

22. $\frac{10}{5} \div \frac{2}{5} = 5$

23. $\frac{3}{6} \div \frac{10}{3} = \frac{3}{20}$

24. $\frac{5}{8} \div \frac{3}{5} = 1\frac{1}{24}$

25. $\frac{3}{5} \div \frac{8}{5} = \underline{\frac{3}{8}}$

26. $\frac{15}{3} \div \frac{3}{5} = \underline{8\frac{1}{3}}$

27. $\frac{2}{4} \div \frac{14}{7} = \underline{\frac{1}{4}}$

28. $\frac{28}{8} \div \frac{1}{6} = \underline{21}$

29. $\frac{4}{5} \div \frac{9}{8} = \underline{\frac{32}{45}}$

30. $\frac{4}{7} \div \frac{11}{5} = \underline{\frac{20}{77}}$

31. $\frac{11}{5} \div \frac{7}{5} = \underline{1\frac{4}{7}}$

32. $\frac{9}{6} \div \frac{12}{3} = \underline{\frac{3}{8}}$

33. $\frac{16}{5} \div \frac{6}{5} = \underline{2\frac{2}{3}}$

34. $\frac{12}{3} \div \frac{14}{5} = \underline{1\frac{3}{7}}$

35. $\frac{17}{4} \div \frac{21}{2} = \underline{\frac{17}{42}}$

36. $\frac{10}{6} \div \frac{14}{4} = \underline{\frac{10}{21}}$

37. $\frac{8}{2} \div \frac{23}{10} = \underline{1\frac{17}{23}}$

38. $\frac{17}{5} \div \frac{11}{4} = \underline{1\frac{13}{55}}$

39. $\frac{4}{6} \div \frac{27}{7} = \underline{\frac{14}{81}}$

40. $\frac{20}{5} \div \frac{12}{6} = \underline{2}$