

1 Exercises

1.1 Addition of Like Fractions (Proper and Improper Fractions)

Add 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. $\frac{1}{2} + \frac{1}{2} = \underline{\quad}$

2. $\frac{1}{3} + \frac{1}{3} = \underline{\quad}$

3. $\frac{2}{3} + \frac{1}{3} = \underline{\quad}$

4. $\frac{2}{4} + \frac{1}{4} = \underline{\quad}$

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

6. $\frac{1}{2} + \frac{12}{2} = \underline{\quad}$

7. $\frac{3}{5} + \frac{1}{5} = \underline{\quad}$

8. $\frac{3}{5} + \frac{2}{5} = \underline{\quad}$

9. $\frac{18}{3} + \frac{1}{3} = \underline{\quad}$

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

11. $\frac{16}{3} + \frac{2}{3} = \underline{\quad}$

12. $\frac{2}{4} + \frac{11}{4} = \underline{\quad}$

13. $\frac{1}{5} + \frac{17}{5} = \underline{\quad}$

14. $\frac{7}{6} + \frac{2}{6} = \underline{\quad}$

15. $\frac{14}{6} + \frac{1}{6} = \underline{\quad}$

$$16. \frac{2}{4} + \frac{18}{4} = \underline{\quad}$$

$$17. \frac{2}{4} + \frac{23}{4} = \underline{\quad}$$

$$18. \frac{12}{5} + \frac{3}{5} = \underline{\quad}$$

$$19. \frac{27}{4} + \frac{3}{4} = \underline{\quad}$$

$$20. \frac{12}{6} + \frac{3}{6} = \underline{\quad}$$

$$21. \frac{3}{6} + \frac{13}{6} = \underline{\quad}$$

$$22. \frac{17}{2} + \frac{21}{2} = \underline{\quad}$$

$$23. \frac{3}{7} + \frac{10}{7} = \underline{\quad}$$

$$24. \frac{4}{5} + \frac{15}{5} = \underline{\quad}$$

$$25. \frac{18}{5} + \frac{4}{5} = \underline{\quad}$$

$$26. \frac{2}{8} + \frac{15}{8} = \underline{\quad}$$

$$27. \frac{4}{7} + \frac{10}{7} = \underline{\quad}$$

$$28. \frac{21}{5} + \frac{4}{5} = \underline{\quad}$$

$$29. \frac{3}{6} + \frac{22}{6} = \underline{\quad}$$

$$30. \frac{5}{7} + \frac{20}{7} = \underline{\quad}$$

$$31. \frac{27}{5} + \frac{9}{5} = \underline{\quad}$$

$$32. \frac{20}{8} + \frac{5}{8} = \underline{\quad}$$

$$33. \frac{17}{4} + \frac{25}{4} = \underline{\quad}$$

34. $\frac{15}{7} + \frac{13}{7} = \underline{\quad}$

35. $\frac{11}{7} + \frac{24}{7} = \underline{\quad}$

36. $\frac{11}{10} + \frac{15}{10} = \underline{\quad}$

37. $\frac{25}{10} + \frac{22}{10} = \underline{\quad}$

2 Answers

2.1 Addition of Like Fractions (Proper and Improper Fractions)

Add 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. $\frac{1}{2} + \frac{1}{2} = \underline{1}$

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

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

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

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

6. $\frac{1}{2} + \frac{12}{2} = \underline{6\frac{1}{2}}$

7. $\frac{3}{5} + \frac{1}{5} = \underline{\frac{4}{5}}$

8. $\frac{3}{5} + \frac{2}{5} = \underline{1}$

9. $\frac{18}{3} + \frac{1}{3} = \underline{6\frac{1}{3}}$

$$10. \frac{20}{3} + \frac{1}{3} = \underline{7}$$

$$11. \frac{16}{3} + \frac{2}{3} = \underline{6}$$

$$12. \frac{2}{4} + \frac{11}{4} = \underline{3\frac{1}{4}}$$

$$13. \frac{1}{5} + \frac{17}{5} = \underline{3\frac{3}{5}}$$

$$14. \frac{7}{6} + \frac{2}{6} = \underline{1\frac{1}{2}}$$

$$15. \frac{14}{6} + \frac{1}{6} = \underline{2\frac{1}{2}}$$

$$16. \frac{2}{4} + \frac{18}{4} = \underline{5}$$

$$17. \frac{2}{4} + \frac{23}{4} = \underline{6\frac{1}{4}}$$

$$18. \frac{12}{5} + \frac{3}{5} = \underline{3}$$

$$19. \frac{27}{4} + \frac{3}{4} = \underline{7\frac{1}{2}}$$

$$20. \frac{12}{6} + \frac{3}{6} = \underline{2\frac{1}{2}}$$

$$21. \frac{3}{6} + \frac{13}{6} = \underline{2\frac{2}{3}}$$

$$22. \frac{17}{2} + \frac{21}{2} = \underline{19}$$

$$23. \frac{3}{7} + \frac{10}{7} = \underline{1\frac{6}{7}}$$

$$24. \frac{4}{5} + \frac{15}{5} = \underline{3\frac{4}{5}}$$

$$25. \frac{18}{5} + \frac{4}{5} = \underline{4\frac{2}{5}}$$

$$26. \frac{2}{8} + \frac{15}{8} = \underline{2\frac{1}{8}}$$

$$27. \frac{4}{7} + \frac{10}{7} = \underline{2}$$

$$28. \quad \frac{21}{5} + \frac{4}{5} = \underline{5}$$

$$29. \quad \frac{3}{6} + \frac{22}{6} = \underline{4\frac{1}{6}}$$

$$30. \quad \frac{5}{7} + \frac{20}{7} = \underline{3\frac{4}{7}}$$

$$31. \quad \frac{27}{5} + \frac{9}{5} = \underline{7\frac{1}{5}}$$

$$32. \quad \frac{20}{8} + \frac{5}{8} = \underline{3\frac{1}{8}}$$

$$33. \quad \frac{17}{4} + \frac{25}{4} = \underline{10\frac{1}{2}}$$

$$34. \quad \frac{15}{7} + \frac{13}{7} = \underline{4}$$

$$35. \quad \frac{11}{7} + \frac{24}{7} = \underline{5}$$

$$36. \quad \frac{11}{10} + \frac{15}{10} = \underline{2\frac{3}{5}}$$

$$37. \quad \frac{25}{10} + \frac{22}{10} = \underline{4\frac{7}{10}}$$