1 Exercises

1.1 Addition of Unlike Fractions (Proper and Mixed Fractions) Missing Operand

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. $3 + \_\_\_ = 10\frac{2}{3}$
2. $\_\_ + 5\frac{1}{3} = 8\frac{1}{3}$
3. $\_\_ + \frac{5}{4} = 1\frac{1}{4}$
4. $\_\_ + 7 = 7\frac{2}{3}$
5. $2 + \_\_ = 2\frac{1}{4}$
6. $\_\_\_ + 4 = 6\frac{3}{5}$
7. $\frac{1}{2} + \_\_ = \frac{5}{6}$
8. $\_\_ + 2\frac{1}{2} = 3\frac{1}{6}$
9. $\frac{1}{2} + \_\_ = 1\frac{5}{6}$
10. $2\frac{1}{3} + \_\_\_ = 3\frac{8}{15}$
11. $\_\_\_ + \frac{4}{5} = 6\frac{3}{10}$
12. $2\frac{1}{6} + \_\_\_ = 6\frac{11}{30}$
13. $\_\_ + 6\frac{1}{2} = 6\frac{13}{14}$
14. $\_\_ + 3\frac{5}{6} = 4\frac{1}{6}$
15. $\_\_\_ + \frac{23}{3} = 10\frac{1}{6}$

16. $\frac{7}{2} + \underline{\quad} = 6\frac{1}{4}$

17. $\frac{1}{5} + \underline{\quad} = 1\frac{13}{40}$

18. $\underline{\quad} + \frac{19}{7} = 3\frac{1}{21}$

19. $\frac{22}{4} + \underline{\quad} = 5\frac{7}{10}$

20. $4\frac{1}{6} + \underline{\quad} = 4\frac{29}{30}$

21. $\frac{2}{9} + \underline{\quad} = 3\frac{5}{9}$

22. $\frac{3}{4} + \underline{\quad} = 3\frac{11}{20}$

23. $3\frac{5}{6} + \underline{\quad} = 4\frac{7}{30}$

24. $\frac{5}{6} + \underline{\quad} = 2\frac{19}{30}$

25. $5\frac{2}{4} + \underline{\quad} = 14$

26. $\frac{10}{6} + \underline{\quad} = 3\frac{1}{6}$

27. $\frac{5}{6} + \underline{\quad} = 9\frac{1}{2}$

28. $\frac{4}{5} + \underline{\quad} = 6\frac{1}{20}$

29. $\frac{4}{10} + \underline{\quad} = 5\frac{4}{5}$

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

31. $\underline{\quad} + 5\frac{5}{6} = 10\frac{5}{6}$

32. $\underline{\quad} + \frac{13}{6} = 5\frac{11}{12}$

33. $\underline{\quad} + \frac{16}{4} = 7\frac{2}{7}$

34. $\underline{\quad} + 4\frac{3}{10} = 6\frac{41}{70}$

35. $\underline{\quad} + \frac{26}{4} = 11\frac{3}{14}$

2 Answers

2.1 Addition of Unlike Fractions (Proper and Mixed Fractions) Missing Operand

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. $3 + \underline{7\frac{4}{6}} = 10\frac{2}{3}$

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

3. $\underline{0} + \frac{5}{4} = 1\frac{1}{4}$

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

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

6. $\underline{\frac{13}{5}} + 4 = 6\frac{3}{5}$

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

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

9. $\frac{1}{2} + \underline{\frac{4}{3}} = 1\frac{5}{6}$

10. $2\frac{1}{3} + \underline{1\frac{1}{5}} = 3\frac{8}{15}$

11. $\underline{5\frac{1}{2}} + \frac{4}{5} = 6\frac{3}{10}$

12. $2\frac{1}{6} + \underline{4\frac{1}{5}} = 6\frac{11}{30}$

13. $\underline{\frac{3}{7}} + 6\frac{1}{2} = 6\frac{13}{14}$

14. $\underline{\frac{1}{3}} + 3\frac{5}{6} = 4\frac{1}{6}$

15. $\underline{2\frac{1}{2}} + \frac{23}{3} = 10\frac{1}{6}$

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

17. $\frac{1}{5} + \underline{\frac{9}{8}} = 1\frac{13}{40}$

18. $\underline{\frac{1}{3}} + \frac{19}{7} = 3\frac{1}{21}$

19. $\frac{22}{4} + \underline{\frac{1}{5}} = 5\frac{7}{10}$

20. $4\frac{1}{6} + \underline{\frac{4}{5}} = 4\frac{29}{30}$

21. $\frac{2}{9} + \underline{3\frac{2}{6}} = 3\frac{5}{9}$

22. $\frac{3}{4} + \underline{\frac{14}{5}} = 3\frac{11}{20}$

23. $3\frac{5}{6} + \underline{\frac{2}{5}} = 4\frac{7}{30}$

24. $\frac{5}{6} + \underline{\frac{9}{5}} = 2\frac{19}{30}$

25. $5\frac{2}{4} + \underline{\frac{17}{2}} = 14$

26. $\frac{10}{6} + \underline{\frac{6}{4}} = 3\frac{1}{6}$

27. $\frac{5}{6} + \underline{8\frac{2}{3}} = 9\frac{1}{2}$

28. $\frac{4}{5} + \underline{\frac{21}{4}} = 6\frac{1}{20}$

29. $\frac{4}{10} + \underline{5\frac{2}{5}} = 5\frac{4}{5}$

30. $\underline{\frac{20}{6}} + 2\frac{3}{4} = 6\frac{1}{12}$

31. $\frac{10}{\underline{2}} + 5\frac{5}{6} = 10\frac{5}{6}$

32. $\frac{15}{\underline{4}} + \frac{13}{6} = 5\frac{11}{12}$

33. $\frac{23}{\underline{7}} + \frac{16}{4} = 7\frac{2}{7}$

34. $\frac{16}{\underline{7}} + 4\frac{3}{10} = 6\frac{41}{70}$

35. $4\frac{5}{\underline{7}} + \frac{26}{4} = 11\frac{3}{14}$