1 Exercises

1.1 Addition of Like Fractions (Mixed 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. $2\frac{1}{2} + 2\frac{1}{2} =$ __
2. $1\frac{1}{5} + 1\frac{1}{5} =$ ___
3. $4\frac{1}{2} + 4\frac{1}{2} =$ __
4. $2\frac{1}{4} + 2\frac{1}{4} =$ ___
5. $2\frac{1}{3} + 2\frac{2}{3} =$ __
6. $2\frac{2}{3} + 2\frac{2}{3} =$ ___
7. $6\frac{1}{2} + 6\frac{1}{2} =$ ___
8. $3\frac{1}{4} + 3\frac{1}{4} =$ ___
9. $3\frac{2}{3} + 3\frac{1}{3} =$ __
10. $3\frac{1}{3} + 3\frac{2}{3} =$ __
11. $5\frac{1}{3} + 5\frac{1}{3} =$ ____
12. $4\frac{2}{3} + 4\frac{1}{3} =$ __
13. $4\frac{1}{3} + 4\frac{2}{3} =$ __
14. $3\frac{2}{3} + 3\frac{2}{3} =$ ___
15. $4\frac{1}{5} + 4\frac{1}{5} =$ ___

16. $5\frac{2}{3} + 5\frac{1}{3} =$ ___

17. $4\frac{1}{4} + 4\frac{2}{4} =$ ___

18. $4\frac{2}{3} + 4\frac{2}{3} =$ ___

19. $2\frac{2}{5} + 2\frac{3}{5} =$ __

20. $3\frac{3}{5} + 3\frac{1}{5} =$ ___

21. $2\frac{2}{7} + 2\frac{2}{7} =$ ___

22. $7\frac{2}{3} + 7\frac{1}{3} =$ ___

23. $2\frac{2}{8} + 2\frac{2}{8} =$ ___

24. $3\frac{2}{6} + 3\frac{2}{6} =$ ___

25. $5\frac{3}{5} + 5\frac{1}{5} =$ ____

26. $6\frac{2}{4} + 6\frac{2}{4} =$ ___

27. $3\frac{2}{6} + 3\frac{5}{6} =$ ___

28. $3\frac{4}{5} + 3\frac{4}{5} =$ ___

29. $5\frac{3}{5} + 5\frac{2}{5} =$ ___

30. $3\frac{5}{8} + 3\frac{2}{8} =$ ___

31. $3\frac{1}{10} + 3\frac{8}{10} =$ ____

32. $5\frac{4}{5} + 5\frac{3}{5} =$ ____

33. $4\frac{5}{6} + 4\frac{3}{6} =$ ___

34. $7\frac{2}{5} + 7\frac{4}{5} =$ ____

35. $5\frac{3}{6} + 5\frac{4}{6} =$ ____

36. $4\frac{5}{7} + 4\frac{3}{7} =$ ___

37. $5\frac{3}{6} + 5\frac{5}{6} =$ ____

38. $5\frac{6}{7} + 5\frac{5}{7} =$ ____

39. $6\frac{4}{10} + 6\frac{5}{10} =$ _____

2 Answers

2.1 Addition of Like Fractions (Mixed 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. $2\frac{1}{2} + 2\frac{1}{2} = \underline{5}$

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

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

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

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

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

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

8. $3\frac{1}{4} + 3\frac{1}{4} = \underline{6\frac{1}{2}}$

9. $3\frac{2}{3} + 3\frac{1}{3} = \underline{7}$

10. $3\frac{1}{3} + 3\frac{2}{3} = \underline{7}$

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

12. $4\frac{2}{3} + 4\frac{1}{3} = \underline{9}$

13. $4\frac{1}{3} + 4\frac{2}{3} = \underline{9}$

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

15. $4\frac{1}{5} + 4\frac{1}{5} = \underline{8\frac{2}{5}}$

16. $5\frac{2}{3} + 5\frac{1}{3} = \underline{11}$

17. $4\frac{1}{4} + 4\frac{2}{4} = \underline{8\frac{3}{4}}$

18. $4\frac{2}{3} + 4\frac{2}{3} = \underline{9\frac{1}{3}}$

19. $2\frac{2}{5} + 2\frac{3}{5} = \underline{5}$

20. $3\frac{3}{5} + 3\frac{1}{5} = \underline{6\frac{4}{5}}$

21. $2\frac{2}{7} + 2\frac{2}{7} = \underline{4\frac{4}{7}}$

22. $7\frac{2}{3} + 7\frac{1}{3} = \underline{15}$

23. $2\frac{2}{8} + 2\frac{2}{8} = \underline{4\frac{1}{2}}$

24. $3\frac{2}{6} + 3\frac{2}{6} = \underline{6\frac{2}{3}}$

25. $5\frac{3}{5} + 5\frac{1}{5} = \underline{10\frac{4}{5}}$

26. $6\frac{2}{4} + 6\frac{2}{4} = \underline{13}$

27. $3\frac{2}{6} + 3\frac{5}{6} = \underline{7\frac{1}{6}}$

28. $3\frac{4}{5} + 3\frac{4}{5} = \underline{7\frac{3}{5}}$

29. $5\frac{3}{5} + 5\frac{2}{5} = \underline{11}$

30. $3\frac{5}{8} + 3\frac{2}{8} = \underline{6\frac{7}{8}}$

31. $3\frac{1}{10} + 3\frac{8}{10} = \underline{6\frac{9}{10}}$

32. $5\frac{4}{5} + 5\frac{3}{5} = \underline{11\frac{2}{5}}$

33. $4\frac{5}{6} + 4\frac{3}{6} = \underline{9\frac{1}{3}}$

34. $7\frac{2}{5} + 7\frac{4}{5} = \underline{15\frac{1}{5}}$

35. $5\frac{3}{6} + 5\frac{4}{6} = \underline{11\frac{1}{6}}$

36. $4\frac{5}{7} + 4\frac{3}{7} = \underline{9\frac{1}{7}}$

37. $5\frac{3}{6} + 5\frac{5}{6} = \underline{11\frac{1}{3}}$

38. $5\frac{6}{7} + 5\frac{5}{7} = \underline{11\frac{4}{7}}$

39. $6\frac{4}{10} + 6\frac{5}{10} = \underline{12\frac{9}{10}}$