Adding fractions with unlike denominators – introduction

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

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

3. $\frac{3}{4} + \frac{1}{6} = ?$

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

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

6. $\frac{5}{6} + \frac{1}{8} = ?$

7. Lily baked $\frac{1}{2}$ of a cake and her friend baked $\frac{1}{3}$ of a cake. How much cake did they bake altogether?

8. Sam ran $\frac{3}{4}$ of a mile on Monday and $\frac{2}{5}$ of a mile on Tuesday. How far did he run in total?

Adding fractions with unlike denominators

9. $\frac{7}{8} + \frac{2}{3} = ?$

10. $\frac{5}{12} + \frac{3}{5} = ?$

11. $\frac{4}{9} + \frac{5}{6} = ?$

12. $\frac{11}{12} + \frac{1}{5} = ?$

13. A ribbon is $\frac{3}{10}$ m long and another is $\frac{7}{12}$ m. How long are they together?

14. Mia drank $\frac{2}{3}$ of a bottle and later drank $\frac{3}{10}$ more. How much did she drink in all?

15. $\frac{9}{10} + \frac{4}{15} = ?$

16. $\frac{13}{20} + \frac{2}{3} = ?$

17. $\frac{3}{7} + \frac{2}{5} = ?$

18. Paint used: $\frac{5}{6}$ of a can $+ \frac{2}{9}$ of a can. How much paint was used?

Subtracting fractions with unlike denominators – introduction

19. $\frac{3}{4} - \frac{1}{3} = ?$

20. $\frac{5}{6} - \frac{1}{4} = ?$

21. $\frac{7}{8} - \frac{1}{5} = ?$

22. $\frac{2}{3} - \frac{1}{5} = ?$

23. A rope is $\frac{5}{6}$ m long. If you cut off $\frac{1}{3}$ m, how much is left?

24. $\frac{4}{5} - \frac{2}{7} = ?$

25. $\frac{11}{12} - \frac{1}{8} = ?$

26. $\frac{3}{5} - \frac{1}{4} = ?$

Subtracting fractions with unlike denominators

27. $\frac{5}{6} - \frac{3}{4} = ?$

28. $\frac{7}{10} - \frac{2}{3} = ?$

29. $\frac{9}{8}$ - $\frac{1}{3}$ = ?

30. $3\frac{1}{2}$ - $1\frac{2}{3}$ = ?

31. Jamie had $2\frac{3}{4}$ meters of fabric and used $1\frac{1}{6}$ meters. How much remains?

32. $\frac{13}{15}$ - $\frac{2}{9}$ = ?

33. $\frac{6}{7}$ - $\frac{3}{14}$ = ?

34. $\frac{10}{12}$ - $\frac{5}{8}$ = ?

35. $\frac{17}{20}$ - $\frac{1}{3}$ = ?

36. A tank is $\frac{11}{12}$ full. If $\frac{3}{8}$ of it is used, how much is left?

Adding and subtracting three fractions

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

38. $\frac{2}{5}$ + $\frac{3}{8}$ + $\frac{1}{6}$ = ?

39. $\frac{3}{4}$ + $\frac{1}{6}$ + $\frac{1}{8}$ = ?

40. $\frac{5}{6}$ - $\frac{1}{4}$ + $\frac{1}{3}$ = ?

41. $\frac{7}{10}$ + $\frac{2}{3}$ - $\frac{1}{5}$ = ?

42. $\frac{4}{9}$ + $\frac{5}{12}$ + $\frac{1}{18}$ = ?

43. Sam ate $\frac{1}{3}$ of a pizza, then $\frac{1}{4}$, then $\frac{1}{6}$ more. How much pizza did he eat altogether?

44. A jug had $\frac{3}{4}$ L. You pour out $\frac{1}{3}$ L and then add $\frac{1}{8}$ L. How much is in the jug now?

Solving for the missing fraction

45. $\frac{3}{4}$ + x = $\frac{5}{6}$. Find x.

46. x + $\frac{2}{5}$ = $\frac{7}{10}$. Find x.

47. $\frac{5}{6}$ - x = $\frac{1}{3}$. Find x.

48. x - $\frac{2}{7}$ = $\frac{3}{14}$. Find x.

49. $1\frac{1}{4}$ + x = $2\frac{2}{3}$. Find x.

50. $\frac{4}{5}$ - x = $\frac{1}{3}$. Find x.