Adding and subtracting fractions

Add or subtract the top numbers; the bottom number stays the same. Give answers in simplest form.

Name _____ Date _____

1. $\frac{1}{8} + \frac{4}{8} =$

2. $\frac{7}{10} + \frac{7}{10} =$

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

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

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

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

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

8. $\frac{3}{6} + \frac{3}{6} =$

9. $\frac{2}{6} - \frac{1}{6} =$

10. $\frac{10}{12} - \frac{1}{12} =$

11. $\frac{11}{12} - \frac{9}{12} =$

12. $\frac{3}{4} + \frac{3}{4} =$

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

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

15. $\frac{3}{6} + \frac{2}{6} =$

16. $\frac{5}{6} - \frac{3}{6} =$

17. $\frac{2}{10} - \frac{1}{10} =$

18. $\frac{2}{12} + \frac{2}{12} =$

19. $\frac{2}{4} + \frac{3}{4} =$

20. $\frac{8}{10} - \frac{5}{10} =$

Adding and subtracting fractions: answer key

Each answer in colour, with the working before it.

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

2. $\frac{7}{10} + \frac{7}{10} = \frac{14}{10} = \frac{7}{5} = 1\frac{2}{5}$

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

4. $\frac{3}{4} - \frac{1}{4} = \frac{2}{4} = \frac{1}{2}$

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

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

7. $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$

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

9. $\frac{2}{6} - \frac{1}{6} = \frac{1}{6}$

10. $\frac{10}{12} - \frac{1}{12} = \frac{9}{12} = \frac{3}{4}$

11. $\frac{11}{12} - \frac{9}{12} = \frac{2}{12} = \frac{1}{6}$

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

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

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

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

16. $\frac{5}{6} - \frac{3}{6} = \frac{2}{6} = \frac{1}{3}$

17. $\frac{2}{10} - \frac{1}{10} = \frac{1}{10}$

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

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

20. $\frac{8}{10} - \frac{5}{10} = \frac{3}{10}$