

$$\begin{array}{r} 11. \quad 4\frac{3}{4} \\ + 1\frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 3\frac{2}{3} \\ + 4\frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 7\frac{3}{8} \\ + 4\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 5\frac{5}{6} \\ + 2\frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 3\frac{7}{8} \\ + 1\frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 4\frac{3}{5} \\ + 1\frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 5\frac{4}{5} \\ + 6\frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 12\frac{3}{8} \\ + 6\frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 5\frac{5}{6} \\ + 3\frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 2\frac{7}{8} \\ + 8\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad 4\frac{5}{8} \\ + 3\frac{1}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 2\frac{3}{5} \\ + 4\frac{1}{3} \\ \hline \end{array}$$

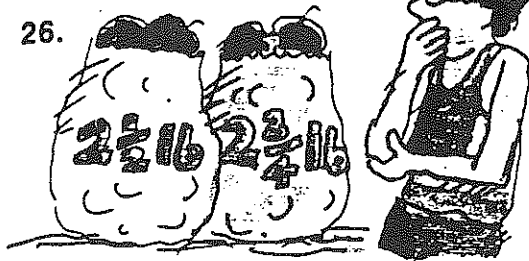
$$\begin{array}{r} 23. \quad 6\frac{5}{6} \\ + 3\frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad 14\frac{3}{10} \\ + 17\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 25. \quad 13\frac{11}{12} \\ + 4\frac{5}{6} \\ \hline \end{array}$$

Solve.

26.



How many pounds of apples in all?

27.



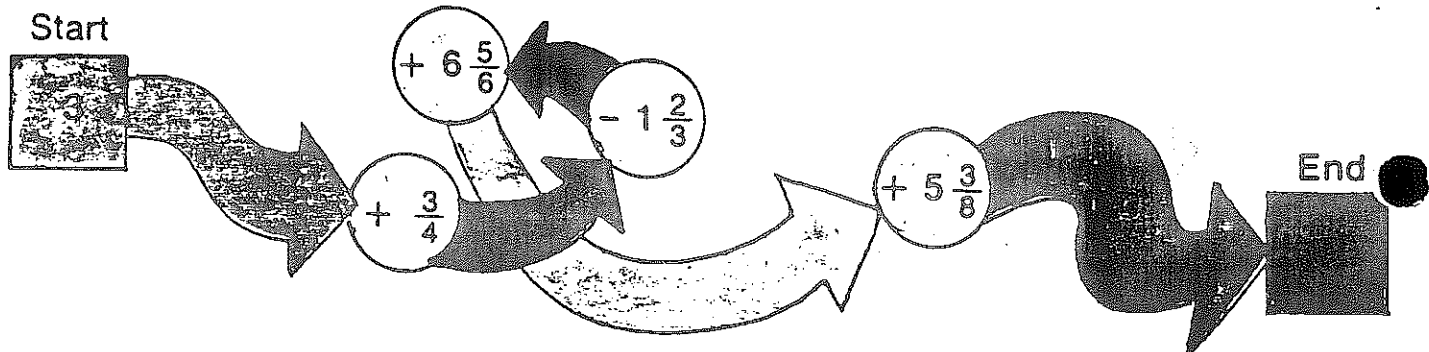
How many ounces of tuna in all?

28. Benjamin bought $4\frac{1}{2}$ pounds of hamburger and $2\frac{1}{4}$ pounds of bacon. How much more hamburger did he buy?

29. Diane needed 6 pounds of apples to make pies. She bought a $4\frac{1}{2}$ -pound package and a $3\frac{3}{4}$ -pound package. How many pounds of apples did she have left after making the pies?

Follow the path.

★ 30.



Mixed numbers— addition with regrouping

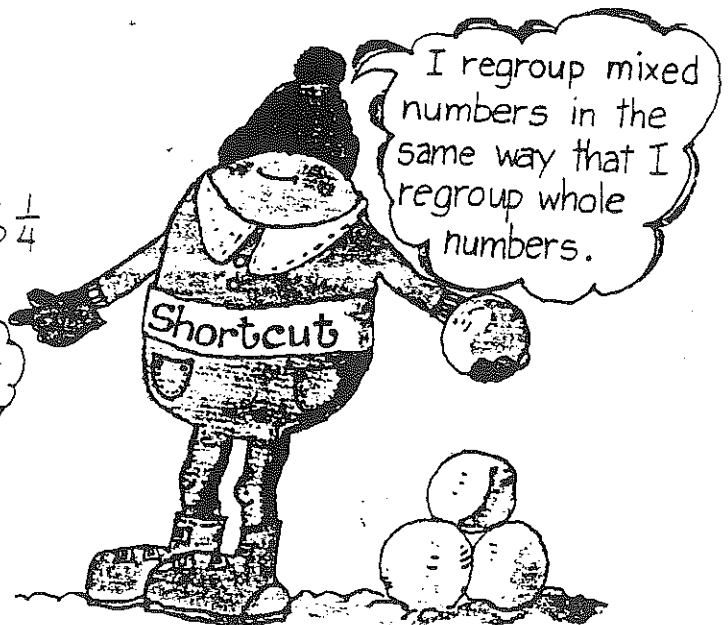
Sometimes when you add mixed numbers, the fraction in the sum will be equal to 1 or more. When that happens you will have to regroup to make the fraction less than 1.

EXAMPLE 1.
$$\begin{array}{r} 2\frac{2}{3} \\ +1\frac{2}{3} \\ \hline 3\frac{4}{3} = 4\frac{1}{3} \end{array}$$

EXAMPLE 2.
$$\begin{array}{r} 3\frac{3}{4} \\ +2\frac{1}{2} \\ \hline 5\frac{5}{4} = 6\frac{1}{4} \end{array}$$

EXAMPLE 3.
$$\begin{array}{r} 3\frac{3}{5} \\ +8\frac{4}{5} \\ \hline 12\frac{7}{5} \end{array}$$

$\frac{7}{5} = 1\frac{2}{5}$



EXERCISES

Add. Give each sum in simplest form.

1.
$$\begin{array}{r} 4\frac{3}{5} \\ +\frac{2}{5} \\ \hline \end{array}$$

2.
$$\begin{array}{r} 6\frac{1}{3} \\ +\frac{2}{3} \\ \hline \end{array}$$

3.
$$\begin{array}{r} 10\frac{7}{8} \\ +\frac{1}{8} \\ \hline \end{array}$$

4.
$$\begin{array}{r} 2\frac{5}{6} \\ +\frac{1}{6} \\ \hline \end{array}$$

5.
$$\begin{array}{r} 3\frac{2}{5} \\ +1\frac{3}{5} \\ \hline \end{array}$$

6.
$$\begin{array}{r} 6\frac{3}{4} \\ +2\frac{3}{4} \\ \hline \end{array}$$

7.
$$\begin{array}{r} 5\frac{3}{7} \\ +4\frac{6}{7} \\ \hline \end{array}$$

8.
$$\begin{array}{r} 2\frac{3}{5} \\ +1\frac{4}{5} \\ \hline \end{array}$$

9.
$$\begin{array}{r} 3\frac{2}{3} \\ +5\frac{2}{3} \\ \hline \end{array}$$

10.
$$\begin{array}{r} 4\frac{7}{8} \\ +3\frac{5}{8} \\ \hline \end{array}$$