



Estimating Fractions: Sum/Difference

Name _____

Score _____

EN:46

Estimate the sum or difference by rounding each mixed fraction to the nearest whole number.

$$\begin{array}{r} 1) \quad 5\frac{3}{4} + 6\frac{1}{3} \\ \downarrow \quad \downarrow \\ \underline{6} + \underline{6} = \underline{12} \end{array}$$

$$\begin{array}{r} 2) \quad 17\frac{4}{5} - 10\frac{7}{9} \\ \downarrow \quad \downarrow \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 3) \quad 2\frac{2}{8} + 8\frac{6}{15} \\ \downarrow \quad \downarrow \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 4) \quad 14\frac{7}{18} - 10\frac{17}{18} \\ \downarrow \quad \downarrow \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 5) \quad 20\frac{2}{9} + 12\frac{1}{4} \\ \downarrow \quad \downarrow \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 6) \quad 16\frac{3}{10} + 11\frac{9}{10} \\ \downarrow \quad \downarrow \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 7) \quad 9\frac{15}{19} - 1\frac{4}{13} \\ \downarrow \quad \downarrow \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 8) \quad 13\frac{4}{6} + 19\frac{5}{6} \\ \downarrow \quad \downarrow \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 9) \quad 15\frac{8}{11} - 3\frac{2}{3} \\ \downarrow \quad \downarrow \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 10) \quad 21\frac{5}{7} - 14\frac{1}{12} \\ \downarrow \quad \downarrow \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array}$$



Answer key

EN:46

Estimate the sum or difference by rounding each mixed fraction to the nearest whole number.

$$\begin{array}{r} 1) \quad 5\frac{3}{4} + 6\frac{1}{3} \\ \downarrow \quad \downarrow \\ \underline{6} + \underline{6} = \underline{12} \end{array}$$

$$\begin{array}{r} 2) \quad 17\frac{4}{5} - 10\frac{7}{9} \\ \downarrow \quad \downarrow \\ \underline{18} - \underline{11} = \underline{7} \end{array}$$

$$\begin{array}{r} 3) \quad 2\frac{2}{8} + 8\frac{6}{15} \\ \downarrow \quad \downarrow \\ \underline{2} + \underline{8} = \underline{10} \end{array}$$

$$\begin{array}{r} 4) \quad 14\frac{7}{18} - 10\frac{17}{18} \\ \downarrow \quad \downarrow \\ \underline{14} - \underline{11} = \underline{3} \end{array}$$

$$\begin{array}{r} 5) \quad 20\frac{2}{9} + 12\frac{1}{4} \\ \downarrow \quad \downarrow \\ \underline{20} + \underline{12} = \underline{32} \end{array}$$

$$\begin{array}{r} 6) \quad 16\frac{3}{10} + 11\frac{9}{10} \\ \downarrow \quad \downarrow \\ \underline{16} + \underline{12} = \underline{28} \end{array}$$

$$\begin{array}{r} 7) \quad 9\frac{15}{19} - 1\frac{4}{13} \\ \downarrow \quad \downarrow \\ \underline{10} - \underline{1} = \underline{9} \end{array}$$

$$\begin{array}{r} 8) \quad 13\frac{4}{6} + 19\frac{5}{6} \\ \downarrow \quad \downarrow \\ \underline{14} + \underline{20} = \underline{34} \end{array}$$

$$\begin{array}{r} 9) \quad 15\frac{8}{11} - 3\frac{2}{3} \\ \downarrow \quad \downarrow \\ \underline{16} - \underline{4} = \underline{12} \end{array}$$

$$\begin{array}{r} 10) \quad 21\frac{5}{7} - 14\frac{1}{12} \\ \downarrow \quad \downarrow \\ \underline{22} - \underline{14} = \underline{8} \end{array}$$