



Answer key

EN:47

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

$$\begin{array}{r} 1) \quad 9\frac{8}{9} - 2\frac{6}{9} \\ \downarrow \quad \downarrow \\ \underline{10} - \underline{3} = \underline{7} \end{array}$$

$$\begin{array}{r} 2) \quad 3\frac{5}{12} + 4\frac{9}{10} \\ \downarrow \quad \downarrow \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 3) \quad 11\frac{4}{5} - 1\frac{1}{3} \\ \downarrow \quad \downarrow \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 4) \quad 5\frac{5}{6} + 6\frac{6}{7} \\ \downarrow \quad \downarrow \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 5) \quad 19\frac{3}{14} - 11\frac{13}{14} \\ \downarrow \quad \downarrow \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 6) \quad 20\frac{4}{15} - 10\frac{2}{11} \\ \downarrow \quad \downarrow \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 7) \quad 17\frac{3}{4} + 18\frac{3}{8} \\ \downarrow \quad \downarrow \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 8) \quad 14\frac{4}{13} - 9\frac{2}{13} \\ \downarrow \quad \downarrow \\ \underline{\quad} - \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 9) \quad 10\frac{8}{19} + 22\frac{3}{16} \\ \downarrow \quad \downarrow \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 10) \quad 12\frac{1}{3} + 16\frac{2}{5} \\ \downarrow \quad \downarrow \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$



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

$$\begin{array}{r} 1) \quad 9\frac{8}{9} - 2\frac{6}{9} \\ \downarrow \quad \downarrow \\ \underline{10} - \underline{3} = \underline{7} \end{array}$$

$$\begin{array}{r} 6) \quad 20\frac{4}{15} - 10\frac{2}{11} \\ \downarrow \quad \downarrow \\ \underline{20} - \underline{10} = \underline{10} \end{array}$$

$$\begin{array}{r} 2) \quad 3\frac{5}{12} + 4\frac{9}{10} \\ \downarrow \quad \downarrow \\ \underline{3} + \underline{5} = \underline{8} \end{array}$$

$$\begin{array}{r} 7) \quad 17\frac{3}{4} + 18\frac{3}{8} \\ \downarrow \quad \downarrow \\ \underline{18} + \underline{18} = \underline{36} \end{array}$$

$$\begin{array}{r} 3) \quad 11\frac{4}{5} - 1\frac{1}{3} \\ \downarrow \quad \downarrow \\ \underline{12} - \underline{1} = \underline{11} \end{array}$$

$$\begin{array}{r} 8) \quad 14\frac{4}{13} - 9\frac{2}{13} \\ \downarrow \quad \downarrow \\ \underline{14} - \underline{9} = \underline{5} \end{array}$$

$$\begin{array}{r} 4) \quad 5\frac{5}{6} + 6\frac{6}{7} \\ \downarrow \quad \downarrow \\ \underline{6} + \underline{7} = \underline{13} \end{array}$$

$$\begin{array}{r} 9) \quad 10\frac{8}{19} + 22\frac{3}{16} \\ \downarrow \quad \downarrow \\ \underline{10} + \underline{22} = \underline{32} \end{array}$$

$$\begin{array}{r} 5) \quad 19\frac{3}{14} - 11\frac{13}{14} \\ \downarrow \quad \downarrow \\ \underline{19} - \underline{12} = \underline{7} \end{array}$$

$$\begin{array}{r} 10) \quad 12\frac{1}{3} + 16\frac{2}{5} \\ \downarrow \quad \downarrow \\ \underline{12} + \underline{16} = \underline{28} \end{array}$$