



Addition and subtraction

Find each sum.

$$1) \ 14\frac{7}{10} + 19\frac{7}{48} + \left(-\frac{6}{17}\right) + \left(-2\frac{13}{36}\right)$$

$$2) \ (-1) + \frac{23}{16} + \left(-\frac{43}{30}\right) + 20\frac{2}{41}$$

$$3) \ \left(-\frac{13}{11}\right) + \left(-\frac{7}{24}\right) + \frac{24}{43} + 19\frac{9}{34}$$

$$4) \ 19\frac{1}{40} + \left(-\frac{27}{17}\right) + 6\frac{5}{6} + 24\frac{19}{42}$$

$$5) \ \left(-\frac{9}{5}\right) + 10\frac{23}{26} + \frac{13}{7} + \left(-\frac{23}{20}\right)$$

$$6) \ \frac{33}{43} + 8\frac{1}{2} + \left(-\frac{3}{5}\right) + \left(-\frac{44}{35}\right)$$

$$7) \frac{9}{5} + 1 + \left(-1\frac{14}{39}\right) + \frac{5}{8}$$

$$8) \left(-\frac{22}{15}\right) + \frac{3}{2} + \frac{41}{38} + \left(-\frac{11}{7}\right)$$

$$9) \frac{6}{7} + \left(-\frac{17}{15}\right) + \frac{14}{37} + \frac{43}{44}$$

$$10) \left(-\frac{51}{35}\right) + 9\frac{5}{6} + \left(-34\frac{1}{3}\right) + 9\frac{1}{8}$$

$$11) \left(-\frac{37}{27}\right) + \left(-\frac{11}{16}\right) + 10\frac{12}{35} + \left(-14\frac{13}{49}\right)$$

$$12) \left(-\frac{1}{6}\right) + (-2) + \left(-\frac{35}{22}\right) + 8\frac{1}{6}$$

$$13) \frac{87}{47} + 23\frac{35}{46} + \left(-\frac{1}{2}\right) + 17\frac{3}{7}$$

$$14) \left(-\frac{1}{5}\right) + 23\frac{10}{23} + 23\frac{19}{46} + \left(-\frac{22}{17}\right)$$

$$15) \ 2 + 11\frac{4}{15} + \left(-24\frac{24}{29}\right) + \left(-\frac{3}{20}\right)$$

$$16) \ (-7) + \left(-3\frac{29}{42}\right) + 15\frac{2}{19} + 33$$

$$17) \ \left(-\frac{4}{39}\right) + 21\frac{33}{50} + \frac{13}{11} + 17\frac{5}{8}$$

$$18) \ 21\frac{1}{12} + \frac{6}{5} + \left(-\frac{91}{50}\right) + 2\frac{1}{13}$$

$$19) \ (-17) + \frac{29}{16} + \frac{5}{37} + \left(-3\frac{11}{25}\right)$$

$$20) \ 16\frac{1}{21} + 11\frac{1}{30} + \left(-\frac{3}{10}\right) + 1\frac{1}{36}$$

$$21) \ 14 + (-47) + 1\frac{2}{3} + \frac{9}{5}$$

$$22) \ 5\frac{6}{23} + 16\frac{9}{14} + \frac{81}{49} + \left(-2\frac{19}{29}\right)$$

$$23) \ 10\frac{1}{2} + \left(-\frac{13}{12}\right) + \frac{47}{24} + 17\frac{7}{18}$$

$$24) \ 21\frac{31}{37} + \left(-\frac{1}{2}\right) + 25\frac{21}{32} + 13\frac{7}{30}$$

$$25) \ 24\frac{17}{36} + \left(-2\frac{1}{20}\right) + \frac{14}{15} + \frac{3}{2}$$

$$26) \ 23\frac{11}{15} + 18\frac{17}{35} + (-1) + 5\frac{1}{2}$$

$$27) \ 8\frac{5}{7} + 9\frac{25}{33} + \left(-\frac{14}{27}\right) + \frac{23}{24}$$

$$28) \ (-50) + \frac{3}{2} + 15\frac{7}{48} + \frac{56}{45}$$

$$29) \ 2\frac{11}{27} + \frac{1}{43} + \left(-\frac{74}{39}\right) + \frac{19}{24}$$

$$30) \ \left(-2\frac{23}{39}\right) + (-24) + \left(-\frac{6}{5}\right) + \frac{3}{11}$$

Find each sum.

$$1) \ 14\frac{7}{10} + 19\frac{7}{48} + \left(-\frac{6}{17}\right) + \left(-2\frac{13}{36}\right)$$

$$31\frac{1613}{12240}$$

$$2) \ (-1) + \frac{23}{16} + \left(-\frac{43}{30}\right) + 20\frac{2}{41}$$

$$19\frac{521}{9840}$$

$$3) \ \left(-\frac{13}{11}\right) + \left(-\frac{7}{24}\right) + \frac{24}{43} + 19\frac{9}{34}$$

$$18\frac{67421}{192984}$$

$$4) \ 19\frac{1}{40} + \left(-\frac{27}{17}\right) + 6\frac{5}{6} + 24\frac{19}{42}$$

$$48\frac{3439}{4760}$$

$$5) \ \left(-\frac{9}{5}\right) + 10\frac{23}{26} + \frac{13}{7} + \left(-\frac{23}{20}\right)$$

$$9\frac{1441}{1820}$$

$$6) \ \frac{33}{43} + 8\frac{1}{2} + \left(-\frac{3}{5}\right) + \left(-\frac{44}{35}\right)$$

$$7\frac{247}{602}$$

$$7) \frac{9}{5} + 1 + \left(-1\frac{14}{39}\right) + \frac{5}{8}$$

$$2\frac{103}{1560}$$

$$8) \left(-\frac{22}{15}\right) + \frac{3}{2} + \frac{41}{38} + \left(-\frac{11}{7}\right)$$

$$-\frac{916}{1995}$$

$$9) \frac{6}{7} + \left(-\frac{17}{15}\right) + \frac{14}{37} + \frac{43}{44}$$

$$1\frac{13583}{170940}$$

$$10) \left(-\frac{51}{35}\right) + 9\frac{5}{6} + \left(-34\frac{1}{3}\right) + 9\frac{1}{8}$$

$$-16\frac{233}{280}$$

$$11) \left(-\frac{37}{27}\right) + \left(-\frac{11}{16}\right) + 10\frac{12}{35} + \left(-14\frac{13}{49}\right)$$

$$-5\frac{103757}{105840}$$

$$12) \left(-\frac{1}{6}\right) + (-2) + \left(-\frac{35}{22}\right) + 8\frac{1}{6}$$

$$4\frac{9}{22}$$

$$13) \frac{87}{47} + 23\frac{35}{46} + \left(-\frac{1}{2}\right) + 17\frac{3}{7}$$

$$42\frac{4090}{7567}$$

$$14) \left(-\frac{1}{5}\right) + 23\frac{10}{23} + 23\frac{19}{46} + \left(-\frac{22}{17}\right)$$

$$45\frac{1383}{3910}$$

$$15) \ 2 + 11\frac{4}{15} + \left(-24\frac{24}{29}\right) + \left(-\frac{3}{20}\right)$$

$$\textcolor{red}{-11\frac{1237}{1740}}$$

$$16) \ (-7) + \left(-3\frac{29}{42}\right) + 15\frac{2}{19} + 33$$

$$\textcolor{red}{37\frac{331}{798}}$$

$$17) \ \left(-\frac{4}{39}\right) + 21\frac{33}{50} + \frac{13}{11} + 17\frac{5}{8}$$

$$\textcolor{red}{40\frac{31253}{85800}}$$

$$18) \ 21\frac{1}{12} + \frac{6}{5} + \left(-\frac{91}{50}\right) + 2\frac{1}{13}$$

$$\textcolor{red}{22\frac{2107}{3900}}$$

$$19) \ (-17) + \frac{29}{16} + \frac{5}{37} + \left(-3\frac{11}{25}\right)$$

$$\textcolor{red}{-18\frac{7287}{14800}}$$

$$20) \ 16\frac{1}{21} + 11\frac{1}{30} + \left(-\frac{3}{10}\right) + 1\frac{1}{36}$$

$$\textcolor{red}{27\frac{1019}{1260}}$$

$$21) \ 14 + (-47) + 1\frac{2}{3} + \frac{9}{5}$$

$$\textcolor{red}{-29\frac{8}{15}}$$

$$22) \ 5\frac{6}{23} + 16\frac{9}{14} + \frac{81}{49} + \left(-2\frac{19}{29}\right)$$

$$\textcolor{red}{20\frac{58935}{65366}}$$

$$23) \ 10\frac{1}{2} + \left(-\frac{13}{12}\right) + \frac{47}{24} + 17\frac{7}{18}$$

$$28\frac{55}{72}$$

$$24) \ 21\frac{31}{37} + \left(-\frac{1}{2}\right) + 25\frac{21}{32} + 13\frac{7}{30}$$

$$60\frac{4039}{17760}$$

$$25) \ 24\frac{17}{36} + \left(-2\frac{1}{20}\right) + \frac{14}{15} + \frac{3}{2}$$

$$24\frac{77}{90}$$

$$26) \ 23\frac{11}{15} + 18\frac{17}{35} + (-1) + 5\frac{1}{2}$$

$$46\frac{151}{210}$$

$$27) \ 8\frac{5}{7} + 9\frac{25}{33} + \left(-\frac{14}{27}\right) + \frac{23}{24}$$

$$18\frac{15163}{16632}$$

$$28) \ (-50) + \frac{3}{2} + 15\frac{7}{48} + \frac{56}{45}$$

$$-32\frac{79}{720}$$

$$29) \ 2\frac{11}{27} + \frac{1}{43} + \left(-\frac{74}{39}\right) + \frac{19}{24}$$

$$1\frac{39229}{120744}$$

$$30) \ \left(-2\frac{23}{39}\right) + (-24) + \left(-\frac{6}{5}\right) + \frac{3}{11}$$

$$-27\frac{1109}{2145}$$