



Addition and subtraction

Evaluate each expression.

$$1) \ 22\frac{36}{71} + 12\frac{5}{46} - 26\frac{13}{30} + \left(-3\frac{2}{3}\right)$$

$$2) \ 8\frac{12}{53} - 10\frac{17}{42} + 11\frac{1}{3} - 18\frac{4}{57}$$

$$3) \ 4\frac{1}{30} - 72 + 9\frac{33}{34} - 22\frac{21}{22}$$

$$4) \ \left(-5\frac{7}{48}\right) + 16\frac{53}{55} + 21\frac{23}{70} - 23\frac{11}{20}$$

$$5) \ (-71) + 7\frac{38}{47} + 34\frac{3}{47} + 14\frac{62}{65}$$

$$6) \ 15 - 1\frac{14}{23} - 9\frac{7}{44} - 19\frac{15}{38}$$

$$7) \ 8\frac{41}{43} - 66\frac{31}{68} - 9\frac{50}{63} + 18\frac{13}{22}$$

$$8) \ 23\frac{19}{62} + 33\frac{62}{73} + 5\frac{14}{15} - (-11)$$

$$9) \ 14\frac{7}{20} - \left(-2\frac{13}{42}\right) + 15\frac{44}{71} + 15\frac{13}{60}$$

$$10) \ 29\frac{29}{38} + 37\frac{21}{22} - 4\frac{28}{55} - 25\frac{14}{31}$$

$$11) \ 16\frac{26}{57} + 32\frac{1}{26} - 11\frac{15}{32} + 20\frac{26}{41}$$

$$12) \ 25\frac{13}{15} + \left(-1\frac{13}{42}\right) + 37\frac{13}{40} + 27\frac{47}{55}$$

$$13) \ 32\frac{27}{34} - \left(-1\frac{29}{45}\right) + 1\frac{25}{48} + 34\frac{39}{62}$$

$$14) \ 7\frac{7}{52} + 11\frac{4}{33} - 2\frac{27}{38} - 1\frac{18}{29}$$

$$15) \ 29\frac{11}{29} - 4\frac{47}{48} + 22\frac{21}{65} + 17\frac{2}{41}$$

$$16) \ \left(-18\frac{3}{10}\right) - 24\frac{43}{52} - 17\frac{23}{42} - 6\frac{9}{23}$$

$$17) \ 12\frac{25}{47} - 27\frac{4}{53} + 15\frac{11}{67} + 26\frac{13}{44}$$

$$18) \ 27\frac{1}{6} + 26\frac{5}{57} - 10\frac{3}{20} + 25\frac{3}{25}$$

$$19) \ 31\frac{7}{24} - 19\frac{41}{42} - 7\frac{37}{45} + 13\frac{23}{34}$$

$$20) \ 18\frac{37}{42} - 9\frac{9}{52} - 11\frac{49}{64} + \frac{11}{12}$$

$$21) \ 6\frac{1}{75} - 35\frac{7}{11} - 19\frac{12}{13} - \left(-3\frac{37}{55}\right)$$

$$22) \ 30\frac{10}{19} + 37\frac{14}{15} - 18\frac{29}{40} + 9\frac{1}{44}$$

$$23) \ 27\frac{51}{70} - 9\frac{13}{24} + \left(-54\frac{12}{23}\right) + 37\frac{24}{65}$$

$$24) \ 37\frac{37}{38} + 28\frac{7}{18} + 35\frac{5}{11} - 18\frac{1}{8}$$

$$25) \ 37\frac{11}{14} + 8\frac{37}{52} - 1\frac{19}{30} - 13\frac{2}{15}$$

$$26) \ 10\frac{13}{33} + 64 - 22\frac{17}{58} - (-61)$$

$$27) \ \frac{46}{51} - 17\frac{60}{61} - 27\frac{25}{31} - 54\frac{41}{72}$$

$$28) \ 28\frac{7}{10} - 5\frac{13}{54} + 6\frac{35}{36} - 17\frac{30}{53}$$

$$29) \ 14\frac{11}{28} - 8\frac{33}{52} - 17\frac{31}{60} - 37\frac{1}{11}$$

$$30) \ 27\frac{43}{46} - 19 + 17\frac{31}{47} - 17\frac{15}{73}$$

Evaluate each expression.

$$1) \ 22\frac{36}{71} + 12\frac{5}{46} - 26\frac{13}{30} + \left(-3\frac{2}{3}\right)$$

$$4\frac{4211}{8165}$$

$$2) \ 8\frac{12}{53} - 10\frac{17}{42} + 11\frac{1}{3} - 18\frac{4}{57}$$

$$-8\frac{38707}{42294}$$

$$3) \ 4\frac{1}{30} - 72 + 9\frac{33}{34} - 22\frac{21}{22}$$

$$-80\frac{5333}{5610}$$

$$4) \ \left(-5\frac{7}{48}\right) + 16\frac{53}{55} + 21\frac{23}{70} - 23\frac{11}{20}$$

$$9\frac{11021}{18480}$$

$$5) \ (-71) + 7\frac{38}{47} + 34\frac{3}{47} + 14\frac{62}{65}$$

$$-14\frac{531}{3055}$$

$$6) \ 15 - 1\frac{14}{23} - 9\frac{7}{44} - 19\frac{15}{38}$$

$$-15\frac{3125}{19228}$$

$$7) \ 8\frac{41}{43} - 66\frac{31}{68} - 9\frac{50}{63} + 18\frac{13}{22}$$

$$-48\frac{1428839}{2026332}$$

$$8) \ 23\frac{19}{62} + 33\frac{62}{73} + 5\frac{14}{15} - (-11)$$

$$74\frac{6049}{67890}$$

$$9) \ 14\frac{7}{20} - \left(-2\frac{13}{42}\right) + 15\frac{44}{71} + 15\frac{13}{60}$$

$$47\frac{3697}{7455}$$

$$10) \ 29\frac{29}{38} + 37\frac{21}{22} - 4\frac{28}{55} - 25\frac{14}{31}$$

$$37\frac{24523}{32395}$$

$$11) \ 16\frac{26}{57} + 32\frac{1}{26} - 11\frac{15}{32} + 20\frac{26}{41}$$

$$57\frac{641645}{972192}$$

$$12) \ 25\frac{13}{15} + \left(-1\frac{13}{42}\right) + 37\frac{13}{40} + 27\frac{47}{55}$$

$$89\frac{2269}{3080}$$

$$13) \ 32\frac{27}{34} - \left(-1\frac{29}{45}\right) + 1\frac{25}{48} + 34\frac{39}{62}$$

$$70\frac{223273}{379440}$$

$$14) \ 7\frac{7}{52} + 11\frac{4}{33} - 2\frac{27}{38} - 1\frac{18}{29}$$

$$13\frac{874235}{945516}$$

$$15) \ 29\frac{11}{29} - 4\frac{47}{48} + 22\frac{21}{65} + 17\frac{2}{41}$$

$$63\frac{2863877}{3709680}$$

$$16) \ \left(-18\frac{3}{10}\right) - 24\frac{43}{52} - 17\frac{23}{42} - 6\frac{9}{23}$$

$$-67\frac{8269}{125580}$$

$$17) \ 12\frac{25}{47} - 27\frac{4}{53} + 15\frac{11}{67} + 26\frac{13}{44}$$

$$26\frac{6727181}{7343468}$$

$$18) \ 27\frac{1}{6} + 26\frac{5}{57} - 10\frac{3}{20} + 25\frac{3}{25}$$

$$68\frac{1279}{5700}$$

$$19) \ 31\frac{7}{24} - 19\frac{41}{42} - 7\frac{37}{45} + 13\frac{23}{34}$$

$$17\frac{7271}{42840}$$

$$20) \ 18\frac{37}{42} - 9\frac{9}{52} - 11\frac{49}{64} + \frac{11}{12}$$

$$-1\frac{2465}{17472}$$

$$21) \ 6\frac{1}{75} - 35\frac{7}{11} - 19\frac{12}{13} - \left(-3\frac{37}{55}\right)$$

$$\textcolor{red}{-45\frac{9367}{10725}}$$

$$22) \ 30\frac{10}{19} + 37\frac{14}{15} - 18\frac{29}{40} + 9\frac{1}{44}$$

$$\textcolor{red}{58\frac{3799}{5016}}$$

$$23) \ 27\frac{51}{70} - 9\frac{13}{24} + \left(-54\frac{12}{23}\right) + 37\frac{24}{65}$$

$$\textcolor{red}{1\frac{8639}{251160}}$$

$$24) \ 37\frac{37}{38} + 28\frac{7}{18} + 35\frac{5}{11} - 18\frac{1}{8}$$

$$\textcolor{red}{83\frac{10415}{15048}}$$

$$25) \ 37\frac{11}{14} + 8\frac{37}{52} - 1\frac{19}{30} - 13\frac{2}{15}$$

$$\textcolor{red}{31\frac{3989}{5460}}$$

$$26) \ 10\frac{13}{33} + 64 - 22\frac{17}{58} - (-61)$$

$$\textcolor{red}{113\frac{193}{1914}}$$

$$27) \ \frac{46}{51} - 17\frac{60}{61} - 27\frac{25}{31} - 54\frac{41}{72}$$

$$\textcolor{red}{-99\frac{1059019}{2314584}}$$

$$28) \ 28\frac{7}{10} - 5\frac{13}{54} + 6\frac{35}{36} - 17\frac{30}{53}$$

$$\textcolor{red}{12\frac{24769}{28620}}$$

$$29) \ 14\frac{11}{28} - 8\frac{33}{52} - 17\frac{31}{60} - 37\frac{1}{11}$$

$$\textcolor{red}{-48\frac{51011}{60060}}$$

$$30) \ 27\frac{43}{46} - 19 + 17\frac{31}{47} - 17\frac{15}{73}$$

$$\textcolor{red}{9\frac{61375}{157826}}$$