

**Find the midpoint - fractions:**

1)  $\left(1\frac{1}{23}, -\frac{3}{4}\right), \left(5\frac{1}{10}, 17\frac{1}{3}\right)$

2)  $\left(3\frac{1}{54}, \frac{55}{28}\right), \left(\frac{2}{21}, 25\frac{19}{29}\right)$

3)  $\left(\frac{11}{12}, 23\frac{1}{6}\right), \left(36\frac{1}{13}, 25\frac{2}{17}\right)$

4)  $(-22, 63), \left(4\frac{1}{36}, -\frac{7}{26}\right)$

5)  $\left(-\frac{17}{54}, \frac{17}{11}\right), \left(9\frac{24}{25}, -\frac{61}{72}\right)$

6)  $\left(-\frac{67}{54}, 7\frac{9}{20}\right), \left(\frac{38}{23}, 2\frac{13}{23}\right)$

7)  $\left(\frac{3}{8}, 6\frac{31}{38}\right), \left(23\frac{47}{70}, \frac{5}{3}\right)$

8)  $\left(-\frac{28}{25}, \frac{76}{47}\right), \left(34\frac{1}{26}, 6\frac{2}{5}\right)$

9)  $\left(-\frac{1}{5}, -\frac{13}{21}\right), \left(36\frac{1}{26}, \frac{38}{51}\right)$

10)  $\left(\frac{39}{55}, 13\frac{25}{51}\right), \left(-\frac{14}{9}, \frac{5}{4}\right)$

11)  $\left(-\frac{21}{25}, 26\right), \left(-18\frac{11}{20}, \frac{5}{9}\right)$

12)  $\left(-\frac{73}{55}, \frac{2}{15}\right), \left(36\frac{15}{26}, \frac{43}{26}\right)$

13)  $\left(-\frac{41}{26}, -\frac{14}{65}\right), \left(19\frac{9}{26}, -\frac{1}{5}\right)$

14)  $\left(-\frac{83}{70}, 31\frac{1}{69}\right), \left(21\frac{3}{8}, \frac{2}{23}\right)$

15)  $\left(-\frac{1}{2}, 11\frac{17}{74}\right), \left(-\frac{4}{3}, 32\frac{31}{42}\right)$

16)  $\left(\frac{4}{13}, 0\right), \left(-\frac{9}{13}, 17\frac{27}{58}\right)$

17)  $\left(-\frac{71}{70}, \frac{1}{2}\right), \left(2\frac{25}{26}, -\frac{7}{29}\right)$

18)  $\left(\frac{57}{35}, 2\frac{22}{27}\right), \left(-\frac{23}{25}, 13\frac{17}{20}\right)$

$$19) \left(22\frac{26}{27}, \frac{11}{46}\right), \left(-\frac{67}{40}, \frac{31}{24}\right)$$

$$20) \left(73\frac{11}{27}, 56\right), \left(14\frac{5}{9}, -1\right)$$

$$21) \left(12\frac{30}{71}, \frac{1}{2}\right), \left(5\frac{41}{67}, 11\frac{3}{55}\right)$$

$$22) \left(35\frac{58}{71}, 14\frac{4}{29}\right), \left(30\frac{31}{61}, 31\frac{1}{8}\right)$$

$$23) \left(26\frac{4}{27}, 3\frac{22}{39}\right), \left(32\frac{5}{6}, -\frac{43}{55}\right)$$

$$24) \left(7\frac{9}{71}, 21\frac{3}{62}\right), \left(12\frac{50}{59}, -\frac{108}{61}\right)$$

$$25) \left(26\frac{11}{42}, \frac{102}{55}\right), \left(3\frac{25}{32}, 1\right)$$

$$26) \left(30\frac{31}{72}, \frac{6}{7}\right), \left(-2\frac{47}{52}, 36\frac{37}{72}\right)$$

$$27) \left(6\frac{1}{72}, -\frac{43}{23}\right), \left(-3\frac{37}{45}, -2\right)$$

$$28) \left(24\frac{23}{42}, -\frac{1}{52}\right), \left(\frac{24}{49}, \frac{1}{5}\right)$$

$$29) \left(2\frac{11}{42}, 1\frac{25}{64}\right), \left(33, 17\frac{23}{30}\right)$$

$$30) \left(62, 7\frac{8}{9}\right), \left(5\frac{5}{58}, -\frac{17}{11}\right)$$

**Find the midpoint - fractions:**

- 1)  $\left(1\frac{1}{23}, -\frac{3}{4}\right), \left(5\frac{1}{10}, 17\frac{1}{3}\right)$   
 $\left(3\frac{33}{460}, 8\frac{7}{24}\right)$
- 2)  $\left(3\frac{1}{54}, \frac{55}{28}\right), \left(\frac{2}{21}, 25\frac{19}{29}\right)$   
 $\left(1\frac{421}{756}, 13\frac{1315}{1624}\right)$
- 3)  $\left(\frac{11}{12}, 23\frac{1}{6}\right), \left(36\frac{1}{13}, 25\frac{2}{17}\right)$   
 $\left(18\frac{155}{312}, 24\frac{29}{204}\right)$
- 4)  $(-22, 63), \left(4\frac{1}{36}, -\frac{7}{26}\right)$   
 $\left(-8\frac{71}{72}, 31\frac{19}{52}\right)$
- 5)  $\left(-\frac{17}{54}, \frac{17}{11}\right), \left(9\frac{24}{25}, -\frac{61}{72}\right)$   
 $\left(4\frac{2221}{2700}, \frac{553}{1584}\right)$
- 6)  $\left(-\frac{67}{54}, 7\frac{9}{20}\right), \left(\frac{38}{23}, 2\frac{13}{23}\right)$   
 $\left(\frac{511}{2484}, 5\frac{7}{920}\right)$
- 7)  $\left(\frac{3}{8}, 6\frac{31}{38}\right), \left(23\frac{47}{70}, \frac{5}{3}\right)$   
 $\left(12\frac{13}{560}, 4\frac{55}{228}\right)$
- 8)  $\left(-\frac{28}{25}, \frac{76}{47}\right), \left(34\frac{1}{26}, 6\frac{2}{5}\right)$   
 $\left(16\frac{597}{1300}, 4\frac{2}{235}\right)$
- 9)  $\left(-\frac{1}{5}, -\frac{13}{21}\right), \left(36\frac{1}{26}, \frac{38}{51}\right)$   
 $\left(17\frac{239}{260}, \frac{15}{238}\right)$
- 10)  $\left(\frac{39}{55}, 13\frac{25}{51}\right), \left(-\frac{14}{9}, \frac{5}{4}\right)$   
 $\left(-\frac{419}{990}, 7\frac{151}{408}\right)$
- 11)  $\left(-\frac{21}{25}, 26\right), \left(-18\frac{11}{20}, \frac{5}{9}\right)$   
 $\left(-9\frac{139}{200}, 13\frac{5}{18}\right)$
- 12)  $\left(-\frac{73}{55}, \frac{2}{15}\right), \left(36\frac{15}{26}, \frac{43}{26}\right)$   
 $\left(17\frac{1787}{2860}, \frac{697}{780}\right)$
- 13)  $\left(-\frac{41}{26}, -\frac{14}{65}\right), \left(19\frac{9}{26}, -\frac{1}{5}\right)$   
 $\left(8\frac{23}{26}, -\frac{27}{130}\right)$
- 14)  $\left(-\frac{83}{70}, 31\frac{1}{69}\right), \left(21\frac{3}{8}, \frac{2}{23}\right)$   
 $\left(10\frac{53}{560}, 15\frac{38}{69}\right)$
- 15)  $\left(-\frac{1}{2}, 11\frac{17}{74}\right), \left(-\frac{4}{3}, 32\frac{31}{42}\right)$   
 $\left(-\frac{11}{12}, 21\frac{1529}{1554}\right)$
- 16)  $\left(\frac{4}{13}, 0\right), \left(-\frac{9}{13}, 17\frac{27}{58}\right)$   
 $\left(-\frac{5}{26}, 8\frac{85}{116}\right)$
- 17)  $\left(-\frac{71}{70}, \frac{1}{2}\right), \left(2\frac{25}{26}, -\frac{7}{29}\right)$   
 $\left(\frac{443}{455}, \frac{15}{116}\right)$
- 18)  $\left(\frac{57}{35}, 2\frac{22}{27}\right), \left(-\frac{23}{25}, 13\frac{17}{20}\right)$   
 $\left(\frac{62}{175}, 8\frac{359}{1080}\right)$

$$19) \left(22\frac{26}{27}, \frac{11}{46}\right), \left(-\frac{67}{40}, \frac{31}{24}\right)$$

$$\left(10\frac{1391}{2160}, \frac{845}{1104}\right)$$

$$20) \left(73\frac{11}{27}, 56\right), \left(14\frac{5}{9}, -1\right)$$

$$\left(43\frac{53}{54}, 27\frac{1}{2}\right)$$

$$21) \left(12\frac{30}{71}, \frac{1}{2}\right), \left(5\frac{41}{67}, 11\frac{3}{55}\right)$$

$$\left(9\frac{82}{4757}, 5\frac{171}{220}\right)$$

$$22) \left(35\frac{58}{71}, 14\frac{4}{29}\right), \left(30\frac{31}{61}, 31\frac{1}{8}\right)$$

$$\left(33\frac{704}{4331}, 22\frac{293}{464}\right)$$

$$23) \left(26\frac{4}{27}, 3\frac{22}{39}\right), \left(32\frac{5}{6}, -\frac{43}{55}\right)$$

$$\left(29\frac{53}{108}, 1\frac{839}{2145}\right)$$

$$24) \left(7\frac{9}{71}, 21\frac{3}{62}\right), \left(12\frac{50}{59}, -\frac{108}{61}\right)$$

$$\left(9\frac{4135}{4189}, 9\frac{4833}{7564}\right)$$

$$25) \left(26\frac{11}{42}, \frac{102}{55}\right), \left(3\frac{25}{32}, 1\right)$$

$$\left(15\frac{29}{1344}, 1\frac{47}{110}\right)$$

$$26) \left(30\frac{31}{72}, \frac{6}{7}\right), \left(-2\frac{47}{52}, 36\frac{37}{72}\right)$$

$$\left(13\frac{1429}{1872}, 18\frac{691}{1008}\right)$$

$$27) \left(6\frac{1}{72}, -\frac{43}{23}\right), \left(-3\frac{37}{45}, -2\right)$$

$$\left(1\frac{23}{240}, -1\frac{43}{46}\right)$$

$$28) \left(24\frac{23}{42}, -\frac{1}{52}\right), \left(\frac{24}{49}, \frac{1}{5}\right)$$

$$\left(12\frac{305}{588}, \frac{47}{520}\right)$$

$$29) \left(2\frac{11}{42}, 1\frac{25}{64}\right), \left(33, 17\frac{23}{30}\right)$$

$$\left(17\frac{53}{84}, 9\frac{1111}{1920}\right)$$

$$30) \left(62, 7\frac{8}{9}\right), \left(5\frac{5}{58}, -\frac{17}{11}\right)$$

$$\left(33\frac{63}{116}, 3\frac{17}{99}\right)$$