Answer key

The method: Adding mixed numbers

Add the fractions, then the whole numbers. Carry if the fraction part is 1 or more.

$2\frac{1}{3} + 8\frac{5}{6} = 2 + 8 + \frac{2}{6} + \frac{5}{6}$ add the wholes and the fractions separately

$10 + \frac{7}{6} = 11\frac{1}{6}$ carry if the fraction is 1 or more

Problems 1 and 2 worked out · Version 0A

$3\frac{1}{3} + 8\frac{4}{7} = 3 + 8 + \frac{7}{21} + \frac{12}{21}$ add the wholes and the fractions separately

$11 + \frac{19}{21} = 11\frac{19}{21}$ simplify if you can

$6\frac{10}{11} + 9\frac{6}{7} = 6 + 9 + \frac{70}{77} + \frac{66}{77}$ add the wholes and the fractions separately

$15 + \frac{136}{77} = 16\frac{59}{77}$ carry if the fraction is 1 or more

Adding mixed numbers · Version 0A

1) $11\frac{19}{21}$ 2) $16\frac{59}{77}$ 3) $13\frac{13}{20}$ 4) $11\frac{3}{4}$ 5) $14\frac{53}{60}$

6) $4\frac{13}{24}$ 7) $16\frac{1}{4}$ 8) $13\frac{37}{45}$ 9) $11\frac{7}{20}$ 10) $11\frac{19}{66}$

11) $10\frac{4}{21}$ 12) $11\frac{49}{60}$ 13) $17\frac{29}{99}$ 14) $4\frac{21}{40}$ 15) $11\frac{5}{12}$

16) $10\frac{41}{44}$ 17) $16\frac{61}{70}$ 18) $13\frac{2}{9}$ 19) $4\frac{5}{12}$ 20) $18\frac{2}{3}$

21) $12\frac{7}{24}$ 22) $9\frac{17}{55}$ 23) $4\frac{1}{4}$ 24) $17\frac{13}{30}$ 25) 11

26) $11\frac{16}{33}$ 27) $15\frac{9}{10}$ 28) $7\frac{13}{14}$ 29) $15\frac{5}{6}$ 30) $16\frac{7}{44}$

31) $15\frac{5}{14}$ 32) $11\frac{13}{56}$