Answer key

The method: Adding with a common denominator

Find the least common denominator (LCD). Rewrite both fractions with it, then add.

$$\frac{3}{5} + \frac{1}{4} = \frac{12}{20} + \frac{5}{20} = \frac{17}{20}$$ rewrite with denominator 20

Problems 1 and 2 worked out · Version 0A

$$\frac{2}{9} + \frac{1}{6} = \frac{4}{18} + \frac{3}{18} = \frac{7}{18}$$ rewrite with denominator 18

$$\frac{1}{3} + \frac{9}{10} = \frac{10}{30} + \frac{27}{30} = \frac{37}{30}$$ rewrite with denominator 30

$$\frac{37}{30} = 1\frac{7}{30}$$ write as a mixed number

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1) $\frac{7}{18}$ 2) $1\frac{7}{30}$ 3) $\frac{23}{24}$ 4) $1\frac{9}{44}$ 5) $\frac{27}{35}$ 6) $\frac{7}{36}$ 7) $\frac{5}{6}$

8) $\frac{11}{12}$ 9) $\frac{31}{42}$ 10) $\frac{7}{20}$ 11) $1\frac{13}{36}$ 12) $\frac{21}{40}$ 13) $\frac{23}{30}$

14) $1\frac{21}{40}$ 15) $1\frac{5}{24}$ 16) $1\frac{37}{60}$ 17) $1\frac{1}{18}$ 18) $1\frac{2}{35}$

19) $\frac{47}{60}$ 20) $1\frac{1}{12}$ 21) $1\frac{1}{55}$ 22) $\frac{23}{24}$ 23) $1\frac{1}{14}$

24) $\frac{31}{56}$ 25) $1\frac{3}{56}$ 26) $1\frac{5}{18}$ 27) $\frac{35}{36}$ 28) $\frac{7}{24}$

29) $1\frac{2}{15}$ 30) $\frac{11}{12}$ 31) $\frac{17}{24}$ 32) $1\frac{18}{35}$ 33) $1\frac{3}{10}$

34) $1\frac{11}{24}$ 35) $1\frac{3}{40}$ 36) $\frac{25}{28}$ 37) $\frac{17}{60}$ 38) $1\frac{3}{44}$

39) $\frac{23}{36}$ 40) $\frac{8}{15}$ 41) $1\frac{3}{20}$ 42) $\frac{37}{42}$ 43) $\frac{13}{14}$ 44) $1\frac{11}{18}$

45) $1\frac{19}{56}$ 46) $1\frac{1}{30}$ 47) $1\frac{13}{44}$ 48) $\frac{9}{20}$