

31. $7\frac{3}{10} + 2\frac{1}{4}$

LCD of 10 and 4

$10 = 2 \cdot 5$

$4 = 2 \cdot 2$

$LCD = 2 \cdot 2 \cdot 5$
 $= 20$

① $7\frac{3 \cdot 2}{20} + 2\frac{1 \cdot 5}{20}$

$7\frac{6}{20} + 2\frac{5}{20}$

② $9\frac{11}{20}$

~~20~~

32. $2\frac{2}{3} + 5\frac{5}{8} + 4\frac{5}{6}$

LCD of 3, 8, 6

$3 = 3$

$8 = 2 \cdot 2 \cdot 2$

$6 = 2 \cdot 3$

$LCD = 2 \cdot 2 \cdot 2 \cdot 3$
 $= 24$

① $2\frac{2 \cdot 8}{24} + 5\frac{5 \cdot 3}{24} + 4\frac{5 \cdot 4}{24}$

$2\frac{16}{24} + 5\frac{15}{24} + 4\frac{20}{24}$

② $11\frac{51}{24}$

③ $11 + \frac{51}{24}$

$11 + 2\frac{3}{24}$

$= 13\frac{3}{24}$

$24 \overline{) 51}$
 $\underline{-48}$

$3 \overline{) \frac{3 \div 3}{24 \div 3}}$

$13\frac{1}{8}$

33. $1\frac{3}{10} + 4\frac{5}{12} + 7\frac{7}{3}$

LCD

$10 = 2 \cdot 5$

$12 = 2 \cdot 2 \cdot 3$

$3 = 3$

$LCD = 2 \cdot 2 \cdot 3 \cdot 5$
 $= 60$

$\frac{18}{25}$
 $\frac{140}{183}$

① $1\frac{3 \cdot 6}{60} + 4\frac{5 \cdot 5}{60} + 7\frac{7 \cdot 20}{60}$

$1\frac{18}{60} + 4\frac{25}{60} + 7\frac{140}{60}$

② $12\frac{183}{60}$

③ $12\frac{61}{20}$

$12 + \frac{61}{20}$

$12 + 3\frac{1}{20}$

$15\frac{1}{20}$

$20 \overline{) \frac{3}{61}}$
 $\underline{60}$
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