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Level 9
Unit 13.1

Addition of Three Fractions Part I

1. Add the following.

a. $\frac{1}{3} + \frac{1}{4} + \frac{1}{5}$

$= \frac{\square}{60} + \frac{\square}{60} + \frac{\square}{60} = \frac{\square}{\square}$

b. $\frac{1}{2} + \frac{1}{3} + \frac{1}{5}$

c. $\frac{1}{4} + \frac{1}{5} + \frac{1}{7}$

d. $\frac{1}{2} + \frac{1}{3} + \frac{1}{7}$

e. $\frac{1}{2} + \frac{2}{5} + \frac{3}{7}$

f. $\frac{1}{5} + \frac{2}{7} + \frac{1}{2}$

g. $\frac{1}{3} + \frac{2}{5} + \frac{1}{6}$

h. $\frac{1}{2} + \frac{5}{6} + \frac{8}{9}$

i. $\frac{3}{4} + \frac{2}{5} + \frac{1}{7}$

j. $\frac{1}{2} + \frac{2}{9} + \frac{3}{5}$

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Addition of Three Fractions Part II

The Least Common Multiple (LCM) of (2, 6, 8) can be found as follows.

LCM of 2 and 6: 6	LCM of 2 and 8: 8	LCM of 6 and 8: 24
LCM of 6 and 8: 24	LCM of 8 and 6: 24	LCM of 24 and 2: 24
So, LCM of (2,6,8): 24	So, LCM of (2,6,8): 24	So, LCM of (2,6,8): 24

2. Find the LCM of the following.

a. (2, 3, 5)

b. (2, 3, 4)

c. (4, 6, 8)

d. (8, 12, 16)

e. (9, 12, 15)

f. (6, 12, 15)

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