

chapter - 10

~~10 (E)~~

10 (F)

1. a)

$$2 = 2, 4, \textcircled{6}$$

$$6 = \textcircled{6}, 12, 18$$

$$\text{LCM} = 6$$

b)

$$4 = 4, 8, \textcircled{12}$$

$$12 = \textcircled{12}, 24, 36$$

$$\text{LCM} = 12$$

c)

$$5 = 5, 10, \textcircled{15}$$

$$3 = 3, 6, 9, 12, \textcircled{15}$$

$$\text{LCM} = 15$$

d)

$$3 = 3, 6, \textcircled{9}$$

$$9 = \textcircled{9}, 18, 27$$

$$\text{LCM} = 9$$

e) $10 = 10, \textcircled{20}, 30$

$20 = \textcircled{20}, 40, 60$

$LCM = 20$

f) $6 = 6, \textcircled{12}, 18$

$4 = 4, 8, \textcircled{12}$

$LCM = 12$

g) $4 = 4, 8, 12, 16, 20, 24, 28, 32, \textcircled{36}$

$18 = 18, \textcircled{36}, 54$

$LCM = 36$

h) $4 = 4, 8, \textcircled{12}$

$6 = 6, \textcircled{12}, 18$

$LCM = 12$

i) $8 = 8, \textcircled{16}, 24$

$16 = \textcircled{16}, 32, 64$

$LCM = 16$

$$1) \quad 9 = 9, 18, 27, \boxed{36}$$

$$12 = 12, 24, \boxed{36}$$

$$\text{LCM} = 36$$