Name - _ _ _ _ _ _ _ _   Start time - _ _ : _ _   End time - _ _ : _ _

Use the information provided to calculate the other original value:

1) $a = 12$, HCF = 2, LCM = 60

2) $a = 15$, HCF = 3, LCM = 60

3) $a = 24$, HCF = 8, LCM = 48

4) $a = 18$, HCF = 9, LCM = 54

5) $a = 72$, HCF = 18, LCM = 216

6) $a = 6$, HCF = 6, LCM = 78

7) $a = 100$, HCF = 25, LCM = 700

8) $a = 64$, HCF = 8, LCM = 320

9) $a = 225$, HCF = 45, LCM = 450

10) $a = 240$, HCF = 30, LCM = 1200

11) (a) Two buses leave the depot at 10:30am. Bus A takes 35 minutes to arrive back at the depot, Bus B takes 40 minutes to arrive back at the depot. When are they both back at the depot at the same time?

(b) Bus A takes on an adult passenger on average every 60 seconds, and a child passenger every 72 seconds. If an adult and a child get onto Bus A at 2:24pm, is Bus B at the depot the next time an adult and a child get onto Bus A together?

1   2   3   4   5   6   7   8   9