HCF & LCM

HCF and LCM



Placement for All. All for Placement

This Video Completely covers the problems on "HCF & LCM" which is more than sufficient for all kind of placement Exams eg: TCS/WIPRO/AMCAT/ELITMUS/CoCubes and all other placement Exams.

HCF and LCM by : Pratik Shrivastava(10 years of industry experience and best Aptitude trainer)

HCF and LCM

Q1. Find the HCF of 169 and 182?

a. 8 b.13 c.17 d. none of these

Solution:

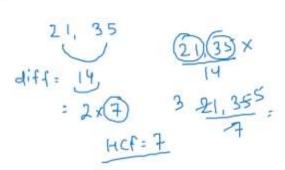
HCF = 13

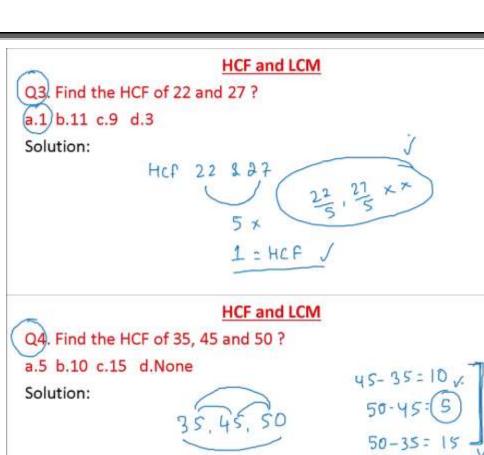
HCF = difference or factors of diff

HCF and LCM

Q2 Find the HCF of 21 and 35 ? a/7 b.14 c.28 d.5

Solution:

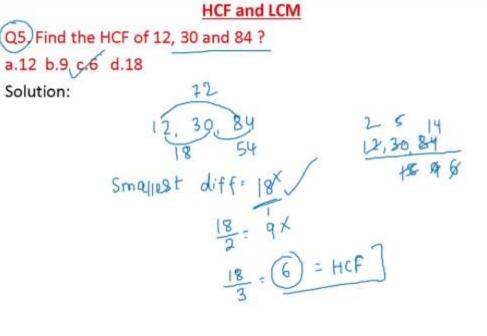


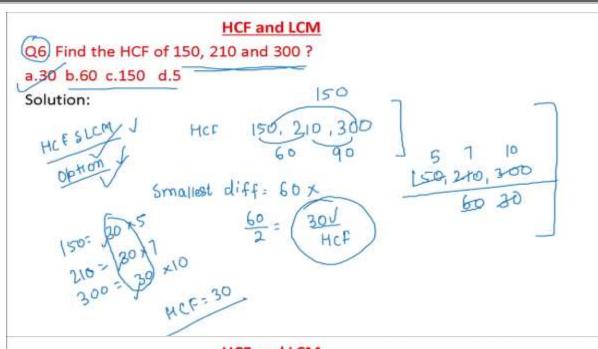


5 b.10 c.15 d.None

olution:

$$35.45.50$$
 $50-45.50$
 $50-35=15$
 $50-35=15$
 $45-35=10$
 $50-35=15$
 $50-35=15$
 $50-35=15$
 $50-35=15$
 $50-35=15$



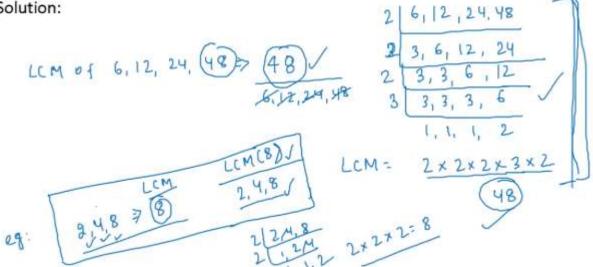


HCF and LCM

Q7. Find the LCM of 6, 12, 24 and 48?

a.48 b.96 c.24 d.None

Solution:



HCF and LCM

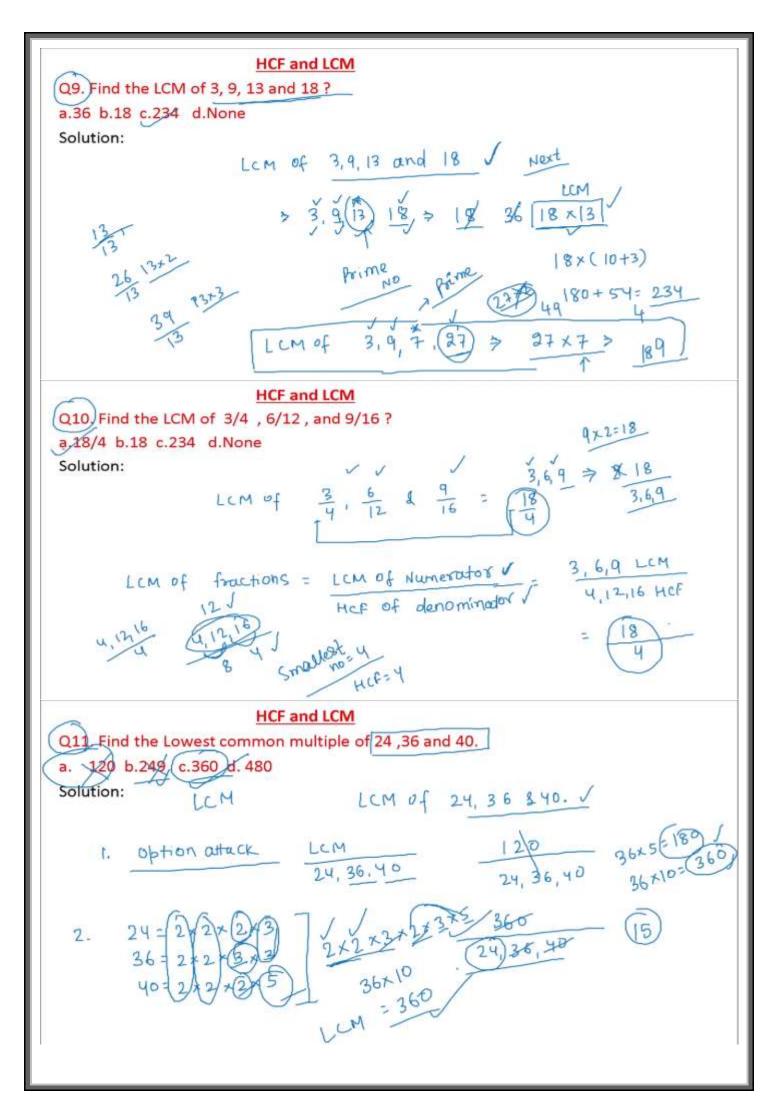
Q8 Find the LCM of 4, 12, 16 and 24?

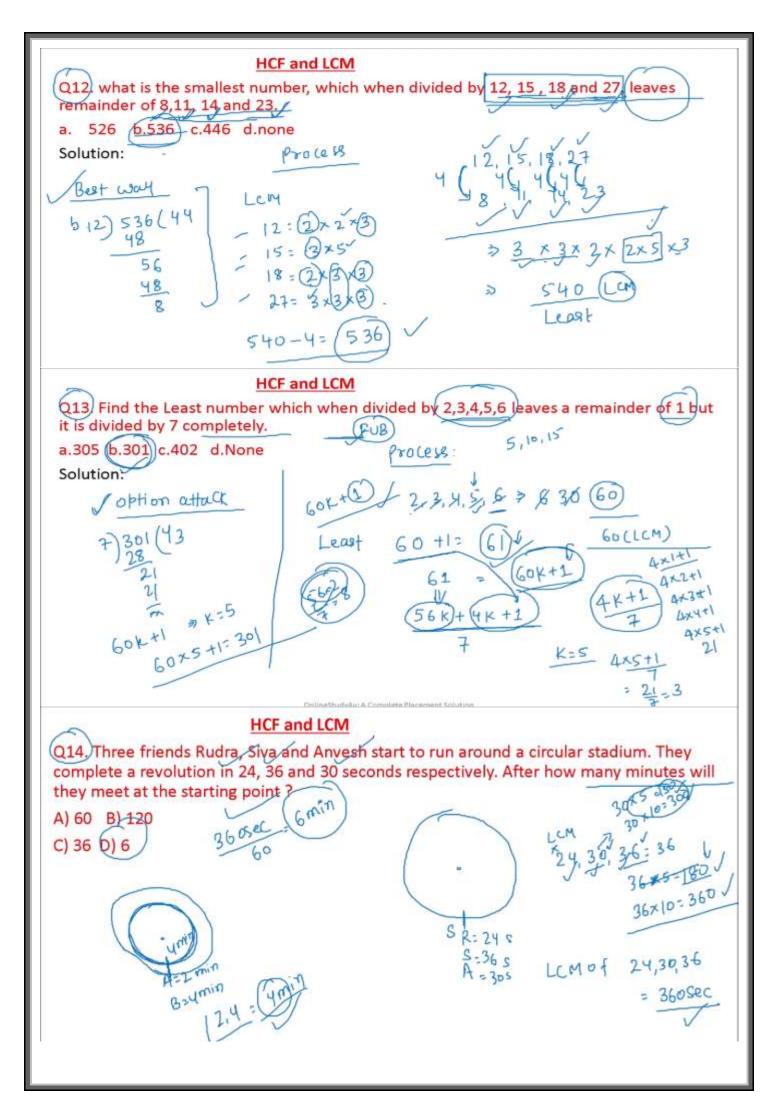
a.48 b.96 c.24 d.None

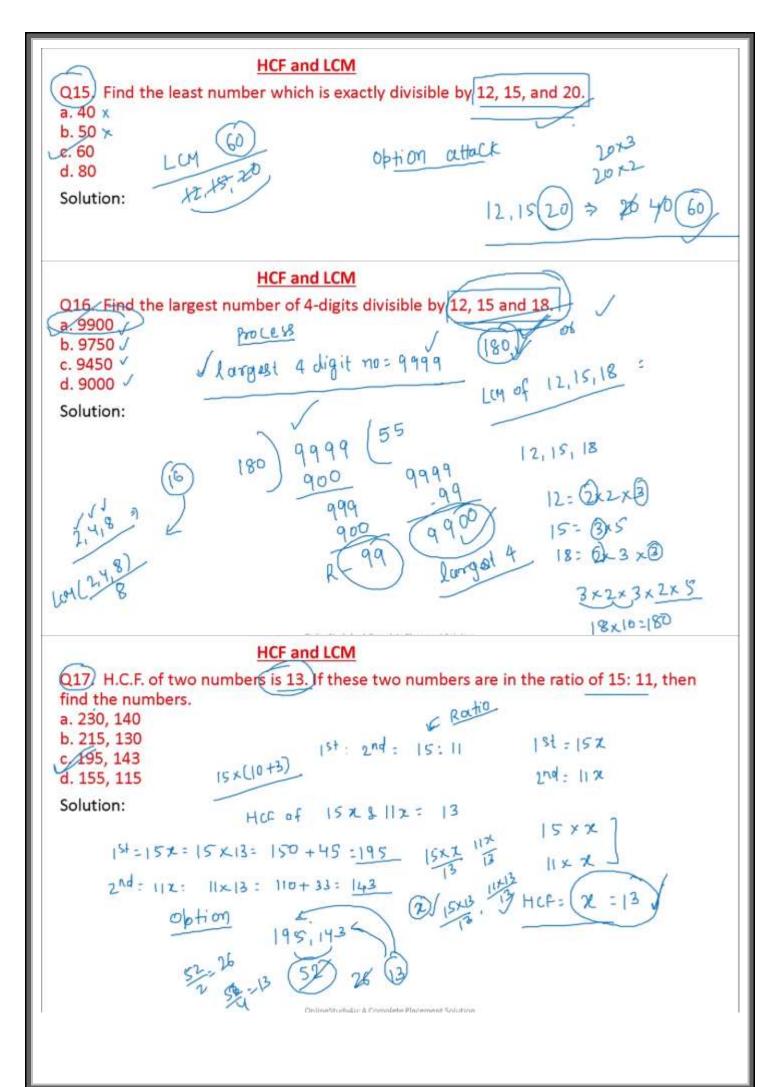
Solution:

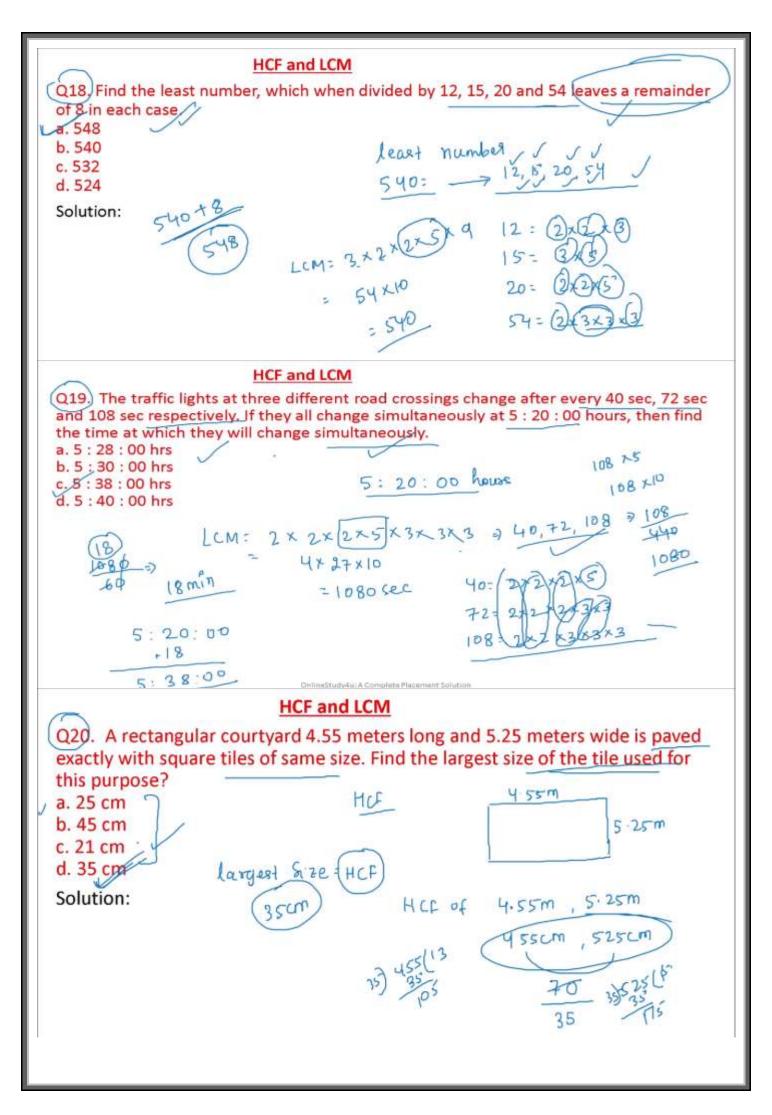
24 24 24 22

LCM = 48







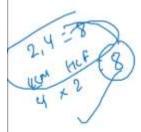


HCF and LCM

Q21. The product of two numbers is 2160 and their HCF is 12. What is their LCM?

a.180 b.140 c.240 d.540

Solution:



HCF and LCM

Q22). If the HCF and LCM of two consecutive(positive) even numbers be 2 and 84 respectively, then the sum of numbers is :

a.30 ,b.26 c.14 d.34

Solution:

LCM
$$(27+2)$$
: $(2\times5+2)$ $2\times5+4$
 $(2\times5+2)$ $(2\times5+2)$ $(2\times5+2)$ $(2\times5+2)$ $(2\times5+2)$

$$2/(x+1)(x+1)=8442$$
 $2/(x+1)(x+1)=8442$
 $2/(x+1)(x+1)=8442$
 $2/(x+3)=90$
 $2/(x+3)=90$
 $2/(x+3)=90$
 $2/(x+3)=90$
 $2/(x+3)=90$

HCF and LCM

Q23 A number between 1000 and 2000 which when divided by 30,36 and 80 gives a remainder of 11 in each case is

c.1641 d.1712

Solution:

