

LCM and HCF practice worksheet

Questions: Solve the following :

- 1) Find out the LCM of 24 and 15.
- 2) Find the HCF of 144, 104 and 160 .
- 3) Find the HCF of 84 and 126 .
- 4) Find the HCF of 0.6, 0.75 and 1.05.
- 5) Find the HCF and LCM of 0.6, 1.5, 0.18 and 3.6.
- 6) Find the HCF of 750, 6300 and 18900 .
- 7) Find the LCM of 108, 135 and 162.
- 8) Find the LCM of 3, 5, and 7.
- 9) Find the HCF of 72 and 90.
- 10) Find the HCF of 36, 48, and 60.
- 11) Find the LCM and HCF of 0.5 and 0.75.
- 12) Find the LCM and HCF of 0.2 and 0.25.
- 13) Find the greatest number which divides 148 and 100 leaving remainder 4 in each case .
- 14) Three pieces of timber 42m, 49m and 63m long have to be divided into planks of same length. What is the greatest possible length of each plank?
- 15) Five bells begin to toll together and toll respectively at intervals of 6,7,8, and 12 seconds. After how much time will they toll together again?
- 16) The HCF of two number is 12 and their LCM is 180. If one of the numbers is 36, find the other.
- 17) The HCF of two number is 30 and their LCM is 2310. If one of the numbers is 210, find the other.
- 18) Find the least number of stones so that heaps of 15, 20 and 30 stones can be made.

Ans. 1) 120

2) 8

3) 42

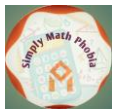
4) 0.15

11) LCM = 0.75, HCF = 0.25

12) LCM = 0.05, HCF = 0.05

13) 48

14) 7m



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|------------------------|-------------------|
| 5) HCF =0.06 , LCM= 18 | 15) 2 min. 48 sec |
| 6) 150 | 16) 60 |
| 7) 1620 | 17)330 |
| 8)105 | 18) 60 |
| 9) 18 | |
| 10) 12 | |

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