

Worksheet: HCF & LCM Practice

Section A: HCF (20 Questions)

Find the HCF using the quickest method. Show working.

1. HCF of 182 and 198

2. HCF of 273 and 483

3. HCF of 84 and 126

4. HCF of 315 and 525

5. HCF of 391 and 437

6. HCF of 144 and 216

7. HCF of 248 and 372

8. HCF of 825 and 990

9. HCF of 289 and 323

10. HCF of 414 and 828

11. HCF of 208 and 288

12. HCF of 132 and 220

13. HCF of 476 and 952

14. HCF of 255 and 345

15. HCF of 528 and 704

16. HCF of 187 and 221

17. HCF of 588 and 784

18. HCF of 368 and 552

19. HCF of 945 and 1575

20. HCF of 119 and 187

Section B: LCM (20 Questions)

Find the LCM using the quickest method. Show working.

21. LCM of 12 and 15

22. LCM of 18 and 24

23. LCM of 16 and 20

24. LCM of 25 and 30

25. LCM of 14 and 21

26. LCM of 22 and 55

27. LCM of 45 and 60

28. LCM of 36 and 54

29. LCM of 28 and 42

30. LCM of 32 and 48

31. LCM of 63 and 84

32. LCM of 26 and 39

33. LCM of 72 and 90

34. LCM of 50 and 75

35. LCM of 44 and 88

36. LCM of 18, 24, and 30

37. LCM of 12, 15, and 20

38. LCM of 16, 20, and 25

39. LCM of 21, 28, and 35

40. LCM of 30, 45, and 60

Section C: Mixed Challenge (10 Questions)

Decide whether HCF or LCM is required, then solve.

41. The HCF of 96 and 128 is ____

42. The LCM of 18 and 27 is ____

43. The HCF of 544 and 816 is ____

44. The LCM of 48 and 80 is ____

45. The HCF of 350 and 490 is ____

46. The LCM of 84 and 90 is ____

47. The HCF of 255 and 345 is ____

48. The LCM of 22, 33, and 44 is ____

49. The HCF of 112 and 168 is ____

50. The LCM of 14, 20, and 35 is ____
