

Section 1.4
Exercises

Write the following base ten number in base 5

1. 16
2. 32
3. 126
4. 623
5. 3200
6. 2587

Write the following base ten numbers in base 2

7. 12
8. 26
9. 45
10. 59
11. 120
12. 132
13. 207
14. 199

Write the following base ten numbers in base 8

15. 25
16. 43
17. 67
18. 101
19. 360
20. 498
21. 621
22. 5012

Write the following base ten numbers in base 12

23. 42
24. 54
25. 158
26. 139
27. 260
28. 2009

Write the following numbers in base 2 as numbers in base ten

29. 111_2
30. 1001_2
31. 101011_2
32. 1100100_2
33. 100100101_2
34. 11101110_2

Write the following numbers in base 7 as numbers in base ten

35. 652_7
36. 125_7
37. 12_7
38. 23_7
39. 501_7
40. 354_7

Write the following numbers in base 16 as numbers in base ten

41. $A2_{16}$
42. $3F_{16}$
43. CC_{16}
44. AD_{16}
45. 231_{16}
46. 397_{16}