

**Section 1.3**  
**Exercises**

**Write the following Babylonian numbers in Hindu-Arabic numerals.**

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10. | | | <<<<< <<| | |

**Write the following Hindu-Arabic numbers in Babylonian numerals.**

11. 2511

12. 624

13. 423

14. 1,059

15. 4,238

16. 3,923

17. 7,427

18. 10,480

19. 37,436

20. 250,532

**Write the following Mayan numbers in Hindu-Arabic numerals.**

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**Write the following Hindu-Arabic numbers in Mayan numerals.**

31. 45

32. 135

33. 269

34. 312

35. 497

36. 743

37. 1,289

38. 4,367

39. 9,264

40. 10, 342

41.

(a). How many symbols are required to represent the number 7,899 as a Babylonian number?

(b). How many symbols are required to represent the number 7,899 as a Mayan numeral?

42.

(a). How many symbols are required to represent the number 9,879 as a Babylonian number?

(b). How many symbols are required to represent the number 9,979 as a Mayan numeral?

**For each of the following pairs of numbers, answer the following questions.**

- (a). Write each number in Babylonian numerals.
- (b). Write each number in Mayan numerals.
- (c). Add the two numbers and express your answer in Babylonian numerals.
- (d). Add the two numbers and express your answer in Mayan numerals.
- (e). In which system, Babylonian or Mayan, is this sum easiest to calculate?

**43.** 124 and 344

**44.** 372 and 324

**45.** 654 and 345

**46.** 742 and 64