

ASSIGNMENT
CHAPTER-16
PLAYING WITH NUMBERS

1. If $42x5$ is a multiple of 9 and x is a digit, then find the value of x .
2. Is 10011 divisibly by 3?
3. If $3x12$ is a multiple of 3 and x is digit, then find the value of x .
4. If $35x$ is a multiple of 9 and x is digit, then find the value of x .
5. The usual form of the number $9 \times 100 + 7 \times 1$
 - (a) 97
 - (b) 9007
 - (c) 907
 - (d) 16
6. Check the divisibility by 21436587 by 9.
7. Check the disibility of 152875 by 9.
8. If the three digit number $24x$ is divisible by 9, what is the value of x ?
9. Check the divisibility of 2146587 by 3.
10. Check the divisibility of 15287 by 3.
11. Find Q in the addition.

$$\begin{array}{r} 31Q \\ + 1Q3 \\ \hline 501 \end{array}$$

12. Find A and B in the addition.

$$\begin{array}{r} A \\ + A \\ \hline \underline{A} \\ BA \end{array}$$

13. If $21y5$ is a multiple of 9, where y is a digit, what is the value of y ?
14. If $31z5$ is a multiple of 9, where z is a digit, what is the value of z ?