



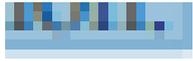
MATHS

BOOKS - PSEB

PLAYING WITH NUMBERS

Example

1. Find Q in the addition.



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



Watch Video Solution

2. Check the divisibility of 21436587 by 9.



[Watch Video Solution](#)

3. Check the divisibility of 152875 by 9.



[Watch Video Solution](#)

4. If the three digit number $24x$ is divisible by 9, what is the value of x ?



[Watch Video Solution](#)

5. Check the divisibility of 2146587 by 3.



[Watch Video Solution](#)

6. Check the divisibility of 15287 by 3.



[Watch Video Solution](#)

Exercise

1. Find the values of the letters in each of the following and give reasons for the steps involved.

$$A + B = 10$$

$$x + 3 = 10$$



$$C + A + B = 10$$



Watch Video Solution

2. If $21y5$ is a multiple of 9, where y is a digit, what is the value of y ?



[Watch Video Solution](#)

3. If $31z5$ is a multiple of 9, where z is a digit, what is the value of z ?



[Watch Video Solution](#)

4. If $24x$ is a multiple of 3, where x is a digit, what is the value of x ?



[Watch Video Solution](#)

5. If $31z5$ is a multiple of 3, where z is a digit, what might be the values of z ?



[Watch Video Solution](#)