



## MATHS

# NCERT - NCERT Maths(Hinglish)

# **PLAYING WITH NUMBERS**

Exercise 16 2

1. If 21y5 is a multiple of 9, where y is a digit,

what is the value of y?

A. 1

 $\mathsf{B.}\,2$ 

C. 3

 $\mathsf{D.}\,4$ 

Answer: A



2. If 31z5 is a multiple of 3, where z is a digit,

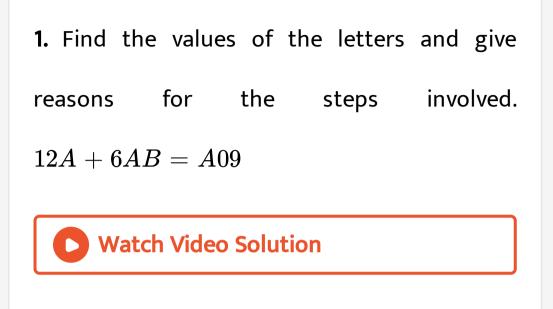
what might be the values of z?



**3.** If 31z5 is a multiple of 9, where z is a digit, what is the value of z?You will find that there are two answers for the last problem. Why is this so?

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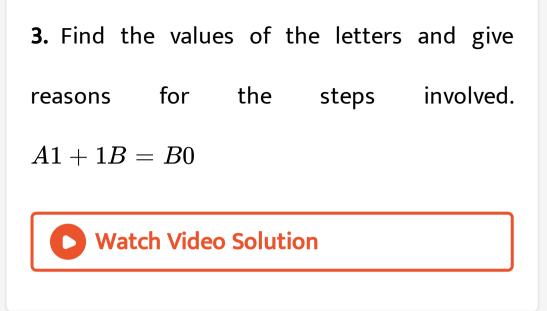
Exercise 161



2. Find the values of the letters and give

reasons for the steps involved.

2AB + AB1 = B18

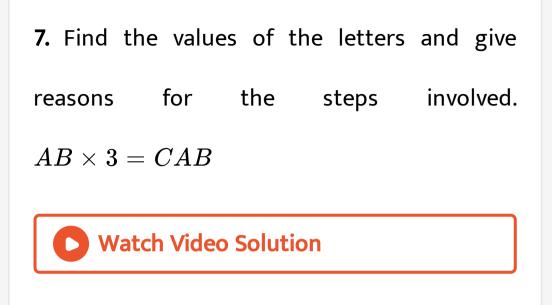


**4.** Find the values of the letters and give reasons for the steps involved. 3A + 25 = B2

5. Find the values of the letters and give reasons for the steps involved. 1A imes A = 9A

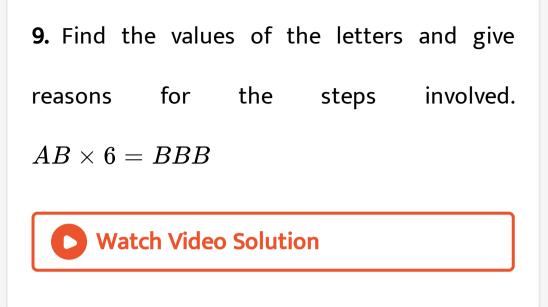


6. Find the values of the letters and give reasons for the steps involved. 4A + 98 = CB3



**8.** Find the values of the letters and give reasons for the steps involved.

AB + 37 = 6A



**10.** Find the values of the letters and give reasons for the steps involved.

 $AB \times 5 = CAB$ 

**1.** Check the divisibility of 15287 by 3.

A. yes

B. no

C. null

D. null

**Answer: null** 

2. Check the divisibility of 2146587 by 3.

A. 12

 $\mathsf{B}.\,13$ 

 $C.\,14$ 

D. 11

Answer: D

3. If the three digit number 24x is divisible by

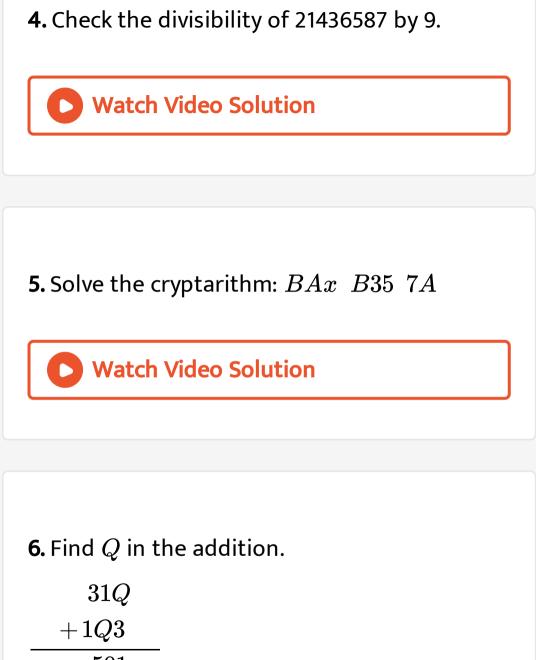
9, what is the value of x?

A. 3

 $\mathsf{B.}\,2$ 

- $\mathsf{C.}\,4$
- $\mathsf{D.6}$

#### Answer: A



A. 8

B. 2

C. 4

D. 6

Answer: A

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7. Check the divisibility of 152875 by 9.

### **8.** Find A and B in the addition.

# $A \\ + A \\ + A \\ \overline{BA}$

- A. 1,5
- B. 5,1
- C. 1,2
- D. 2,1

#### Answer: B