



SINCE 2013

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# Arithmetic Reasoning



If the sum of 39 and 47 is multiplied by 2, what is the result ? SSC CGL

13/09/2025 (Shift 1)

(a) 158

(b) 160

(c) 172

(d) 164



How many diagonals does an octagon have ? SSC CGL 13/09/2025 (Shift 3)

(a) 20

(b) 18

(c) 16

(d) 12



A 50 L solution has alcohol and water in 4 : 6 ratio. How much water should be added to make the ratio 4 : 9 ? SSC CGL 13/09/2025 (Shift 3)

(a) 15 L

(b) 18 L

(c) 20 L

(d) 22 L



If the sum of 55 and 22 is multiplied by 5, what is the result ? SSC CGL

13/09/2025 (Shift 3)

(a) 375

(b) 385

(c) 398

(d) 420



Identify the number which does satisfy: Sum of digits is a divisor of the number  
SSC CGL 14/09/2025 (Shift 1)

(a) 24

(b) 28

(c) 32

(d) 43



A box has 6 red, 4 blue, 5 green balls. Probability of drawing a non-green ball?

SSC CGL 14/09/2025 (Shift 2)

(a) 0.55

(b) 0.88

(c) 0.66

(d) 0.77



A 35 L solution has milk : water = 4 : 3. How much water to make milk : water = 1 : 1 ? SSC CGL 14/09/2025 (Shift 2)

(a) 3.5 L

(b) 5 L

(c) 9 L

(d) 12 L



A two-digit number is 4 times the sum of its digits. If the digits are reversed, the new number is 27 more than the original. What is the number? SSC CGL

14/09/2025 (Shift 2)

- (a) 26                      (b) 28                      (c) 36                      (d) 42



A sum becomes 3 times in 10 years under simple interest. Find the rate. SSC CGL  
14/09/2025 (Shift 3)

(a) 10%

(b) 12.5%

(c) 15%

(d) 20%



If  $a \div b = 2$ , where  $a \div b = b^2 - a$ , what is the value of  $a$  and  $b$ ? SSC CGL

14/09/2025 (Shift 3)

(a) 2, 2

(b) 8, 1

(c) 4, 5

(d) 9, 6



If the sum of 41 and 41 is multiplied by 4, what is the result? SSC CGL 14/09/2025  
(Shift 3)

(a) 328

(b) 346

(c) 330

(d) 358



If a geometric progression (GP) starts at 3.6 and the common ratio (CR) = 1.5, what is the 2nd term? SSC CGL 15/09/2025 (Shift 1)

(a) 6.2

(b) 5.4

(c) 5.0

(d) 7.6



A person buys 4 melons at ₹20 each and 2 apples at ₹35 each. What is the total cost? SSC CGL 15/09/2025 (Shift 1)

(a) ₹140

(b) ₹120

(c) ₹144

(d) ₹150



What is the value of Middle if Left = 8, Right = 14 and Middle is the average of both? SSC CGL 15/09/2025 (Shift 2)

(a) 15

(b) 11

(c) 16

(d) 20



In a zoo, there are only Peacocks and Deers . Total heads = 40, and total legs = 100. How many Peacocks are there ? SSC CGL 15/09/2025 (Shift 2)

(a) 20

(b) 25

(c) 30

(d) 35



What is the average of 5 consecutive odd numbers starting from 11 ? SSC CGL  
16/09/2025 (Shift 1)

(a) 17

(b) 15

(c) 20

(d) 25



The ratio of two numbers is 4 : 5 and their sum is 270. Find the numbers. SSC CGL  
16/09/2025 (Shift 1)

- (a) 120 and 150      (b) 72 and 108      (c) 80 and 100      (d) 64 and 116



A large, faint watermark of the Weshine Academy logo is centered in the background. The logo is circular with an orange border. Inside the border, the text "SINCE 2013" is at the top, "Weshine Academy" is in the middle, and "Guiding you to get through" is at the bottom. The outer ring of the logo contains the text "TNUSRB | TRB | TET | SSC | BANK EXAM".

# Thank You