GHS TALLUR

ARITHMETIC PROGRESSION

Complete the number puzzle by solving below given problems

a		b		c		d
		e				
f	g			h	q	
			i			
j		k		l		m
		n				
r				p		

From Top to Bottom:

a. 27, 40, 53,66,……..24th term of this A.P. is

b. 1+3+5+7+…… sum of first 25 odd positive integers is (write from bottom to top)

c. 7, 24, 41,58,…… 28th term is

d. 1+2+3+4+…… sum of first 35 natural numbers is (write from bottom to top)

g. 2, 14,26,38,…… 40th term of this A.P. is

q. The sum of first 22 even natural numbers is. (write from bottom to top)

i. If a=3 and T_{20}=60. Then,find d is

j. 4+7+10+13+……. Sum of the 12 terms of this A.P. is

k. The sum of first 20 even natural numbers is. (write from bottom to top)

l. The sum of first 26 even natural numbers is. (write from bottom to top)

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m. The sum of first 13 multiples of 7

From left to right:

a. 5,10,15,20,..... 61th term of this A.P. is

c. 2,14,26,38,.....40th term of this A.P, is

e. 5,12,19,26,..... 34th term of this A.P. is

f. 6,38,70,102,..... 21st term of A.P. is

h. The sum of first 36 natural numbers is

j. If a=11, d=2, n=10.Then S_{10} is

l. 1+3+5+7+..... sum of first 16 odd positive integers is

n. 2+4+6+..... sum of first 14 even natural numbers is

r. 4+8+12+..... sum of first 18 even positive integers is

p. 1+3+5+7+..... 374th term of this A.P.

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