FIRST QUARTERLY ASSESSMENT GRADE 10 MATHEMATICS

SY 2022 - 2023

Name:		Grade/Sec	tion:	_Date:	Score:	
				=	oose the letter that be vided for at the right.	-
Narisa wants to fin a. Arithmetic					ncept will you suggest onacci d. Harmonic	to be used?
2. Which of the followard a. 21, 18, 15,	owing is an arith b6, -2	-			d. 80, 20, 5	
3. Which among the a. 5, 10, 20, 4	following is NO 0b11, 22, -44			d. 3,	8, 13, 18	
4. If 1, -1/2, ½, -1/8 a. 1/2	is a geometric s b1/2	•	is the comm	on ratio? d1	/4	
5. In the sequence 1, a. 3	4, 7, 10, 13, 16, b. 4	what is the co	mmon differe	ence?	d4	
a. It is the fixb. To find the	ed amount multi common ratio, one equal to zero.	plied.			nong the following best	describes it?
7. The following are a. 0, 1, 1, 2, 3					d. 1, 4, 7, 10, 13	
8. Which among the a3, -8, -13,	_				8, 13, 18? NE OF THE ABOVE	
9. What is the fiftieth a. 53		hmetic sequen c. 199	ce 3, 7, 11, 13 d. 203	5?		
10. What is the twent a39		arithmetic seq c. 1	uence 21, 18 d. 78	15, 12,	?	
11. The fifth term of a19		quence is 11 ar c9	nd the tenth to	erm is 41.	What is the first term?	
12. What is the thirt	ty-second term o	f the arithmeti	c sequence -1	12, -7, -2,	3, ?	
a. 143	b. 148	c. 153	d. 167			
13. Find the tenth ter	m of the arithme	etic sequence 1	, 6, 11, 16			
a. 40	b. 42	c. 44	d. 46			
14. Find the 27 th ter a. 70		etic sequence -4 c. 74	4, -1, 2, 5, 8. d. 76			
15. What is the sum of a. 62		en terms of the c. 528	arithmetic se d. 992	quence 1,	5, 9, 13. ?	
16. What is the sum of a675	of the first 30 ter b. 275	rms of the arith c. 675	nmetic sequer d. 3675	nce 50, 45	40, 35?	

17.	What is the sum of the eleventh of the arithmetic sequence 7, 12, 17, 22,? a. 154 b. 295 c. 795 d. 1090
18.	Find the 7 th term of the sequence 2, 6, 18, 54? a. 100 b. 500 c. 1300d. 1458
19.	What is the 5 th term for the sequence 3, 6, 12, 24? a. 36 b. 40 c. 48 d. 52
20.	What is the common difference of the sequence 3, 11, 19, 27, 35? a8 b. 8 c14 d. 14
21.	Find the sum of the geometric sequence 3, 6, 12, 24, 48, 96. a. 189 b189 c. 190 d190
22.	Find the sum of the geometric sequence 2, 8, 32, 128, 512. a. 682 b. 684 c. 686 d. 688
23.	Find the sum of the geometric sequence 2, ½, 1/8 a. 8/3 b. 9/3 c. 10/3 d. 11/3
24.	What is the next term of the sequence 3, 4, 7, 11, 18, 29? a. 46 b. 47 c. 48 d. 49
25.	Find the next two terms of the sequence 192, 16, 208,,7408. a. 208 and 224b. 200 and 224c. 300 and 224d. 400 and 224
	The first term of an arithmetic sequence is equal to 200 and the common difference is equal to -10. Find the value he 20th term. a. 10 b. 20 c. 30 d. 40
	A display of cans on a grocery shelf consists of 20 cans on the bottom, 18 cans in the next row, and so on in an hmetic sequence, until the top row has 4 cans. How many cans, in total, are in the display? a. 100 b. 108 c. 116. d. 124
	How many terms of the arithmetic sequence -3, 2, 7must be added together for the sume of the series to be 116? a. 8 b. 9 c. 10 d. 11
29.	QAR, RAS, SAT, TAU, a. UAVb. UAT c. TAS d. TAT
30.	EME MMM EWE W ? W
	(1) (2) (3) (4)
	a. 1 b. 2 c. 3 d. 4