

Republic of the Philippines DEPARTMENT OF EDUCATION Region XI DIVISION OF DAVAO DEL NORTE

DIVISION OF DAVAO DEL NORTE KAPALONG NATIONAL HIGH SCHOOL Maniki, Kapalong, Davao del Norte



FOURTH QUARTER EXAMINATION MATHEMATICS 5.Y. 2022-2023

Name:				
Grade & Section:			Score:	
	IPLE CHOICE.	Read and anal	yze each statemer	nt carefully then write the letter
Which trigor hypotenuse?	nometric ratio is	defined as the	ratio of the side o	oposite the angle to the
a) Sine	b) Cosine	c) Tangent	d) Secant	
2. The reciprox	at of the sine re	atio is:		
a) Cosine	b) Tangent	c) Secant	d) Cosecant	
3. Which trigor	nometric ratio(s) will have a val	ue of 1 for an ang	le in the first quadrant?
a) Sine	b) Cosine	c) Tangent	d) Both a and b	
4. If the sine o	f an angle is 0.5	S, what is the v	alue of the angle in	degrees?
a) 30°	b) 45°	c) 60°	d) 90°	
5. Given a righ value of the si		an acute angle o	of 30 degrees, while	ch of the following is the correct
a) 1	b) 0.5 c) 0.866		d) 0	
				on from the tip of the shadow to (to the nearest meter)?
a) 22 meters	b) 18 meters	c) 12 meters	d) 10 meters	
wall, and the l	adder reaches a	height of 5 me		neters away from the base of the the angle of elevation from the of the ladder?
a) 4 meters	b) 5 meters	c) 6 meters	d) 7 meters	
	serves the ballo			he ground. A person standing on degrees. How far away is the
a) 150 meters	b) 106.1 mete	ers c) 212	1.1 meters	d) 300 meters
9. In an obliqu	e triangle, which	h of the followin	ig sides can be equ	ual in length?

Grade 9 Math Final Exam Memorandum

WJ Hussar

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