

Properties of Whole Numbers

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Answer the questions

- (1) Write all the factors of 272.
- (2) Along the highway, there are electric poles on one side of the highway and telegraph poles on the other side. The electric poles are all separated by 16 m and the telegraph poles are all separated by 180 m. If an electric and a telegraph pole are both present at the point where the highway begins, after how much distance along the highway will they both be in front of each other again?
- (3) Determine the two numbers nearest to 40000 which are exactly divisible by 5, 6, 8, 4, 7, 3.

Choose correct answer(s) from given choice

(4) How many multiples can a number have?

	a. Countless	b . 100		
	c. 0	d . 10		
(5)	A number is always divisible by 2 if it is			
	a. greater than 2	b. even		
	c. prime	d. odd		
Fill in the blanks				
(6)	Find the LCM (least common multiple) of the following numbers			
	A) 55, 325, 60, 10 = B)	33, 126, 54, 112, 6 =	C)	104, 288, 72 =
	D) 24, 312, 76, 72, 64 = E)	54, 204, 60, 12 =	F)	126, 189, 84 =
(7)				
(,,	There are number of prime numbers between 1 and 100.			
(8)	A number is divisible by 4 if the number formed by the and places is divisible by 4			
(9)				
(9)	The product of two numbers is 76. If their sum is 23, the two numbers are &			
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