

Quantitative Reasoning Algebra Test For Nat

Sr	Questions	Answers Choice
1	Find the value of x if $3:b=x:c$.	<p>A. $3b/c$ B. $c/3b$ C. $2c/3b$ D. $3c/b$</p>
2	How many cents will r books cost if t books cost m dollars?	<p>A. $100mr / t$ B. $mr / 100$ C. $100t / mr$ D. $m / 100t$</p>
3	A man bought 27 packets of Chilli Milli at \$280 each, 9 packets of Chilli Milli at \$320 each and 6 packets of Chilli Milli at \$360 each. Find the average price per packet of Chilli Milli.	<p>A. $\\$250$ B. $\\$300$ C. $\\$400$ D. $\\$380$</p>
4	If $(36)(?)(7)=21$, then ? equals	<p>A. $21/43$ B. $1/42$ C. $1/12$ D. $1/11$</p>
5	If $x=7y+3$ and $z=49y^2$ then what is 'z' in terms of x?	<p>A. X^2 B. $x^{\sup>2\</sup>-3}$ C. $(x-3)^{\sup>2\</sup>/7}$ D. None</p>
6	How many integers from 28 to 98, both exclusive are exactly divisible by 7?	<p>A. 9 B. 11 C. 12 D. 8</p>
7	If 7 apples cost y cents, how many apples will x dollars buy?	<p>A. $x/7y$ B. $7x/y$ C. $7x/100y$ D. $700x/y$</p>
8	If $(36)(?)(7)=21$, then ? equals	<p>A. $21/43$ B. $1/42$ C. $1/12$ D. $1/11$</p>
9	If $abc = 2$ and $a = c$ then $b =$	<p>A. $a^{\sup>2\</sup>}$ B. $1/2a$ C. $2/a^{\sup>2\</sup>}$ D. $2-a^{\sup>2\</sup>}$</p>
10	$1/x=1/y+1/z$ then 'x' in terms of 'y' and 'z' is given by?	<p>A. $(y+z) / (y-z)$ B. $yz / (y+z)$ C. $(y+z) / yz$ D. $1/z-1/y$</p>
11	Question Image <input type="text"/>	<p>A. $25/32$ B. $7/8$ C. $32/25$ D. $11/10$</p>
12	In solving an arithmetic example, Donna, by mistake multiplied by 6 instead of dividing by 6. If her answer was $13 \frac{1}{5}$, what should be the correct answer to the example?	<p>A. $2 \frac{8}{11}$ B. $5/66$ C. $2 \frac{1}{5}$ D. $11/30$</p>
13	The average height of five men is 68 inches. If one man is 70 inches tall and three other have an average of 67 inches, the height of the fifth man, in inches, is:	<p>A. 68 B. 69 C. 70 D. 71</p>
14	If $x + 3v = 7$ and $2x + v = 5$ then value x/v is?	<p>A. $1/2$ B. $1/3$ C. $2/3$</p>

		C. 2/5 D. 8/9
15	If you have 50 green , 50 orange, and 50 yellow jelly beans, how many bags can you fill for Halloween each containing 2 green, 3 orange, and 4 yellow jelly beans?	A. 12 B. 13 C. 16 D. 17
16	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 C. 300 D. 20
17	A word processing operator typed 44 words per minute. After practice, the operator's speed increased to 55 words per minutes. By what percent did the operator's speed increase?	A. 25% B. 50% C. 15% D. 20%
18	The average height of five men is 68 inches. If one man is 70 inches tall and three others have an average of 67 inches, the height of the fifth man, in inches, is	A. 68 B. 69 C. 70 D. 71
19	If 7 apples cost y cents, how many apples will x dollars buy ?	A. $x / 7y$ B. $7x / y$ C. $7x / 100y$ D. $700x / y$
20	The average height of a class of 14 days is 5.3 feet. After new boy is admitted to the class ,the new average height now becomes 5.25. What is the height of the new boy?	A. 4.55 B. 5.0 C. 6.0 D. 3.5