

Quantitative Reasoning Algebra Test For Nat

Sr	Questions	Answers Choice
1	If Myra had bowling scores of $b + 6$, $b - 2$, $b + 4$, and $b - 5$, what must she score in the next game to get an overall average of $b + 2$?	<p>A. $b + 7$ B. $b - 3$ C. $b + 3$ D. $b - 7$</p>
2	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>
3	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?	<p>A. 12 B. 13 C. 16 D. 17</p>
4	If 7 apples cost y cents, how many apples will x dollars buy?	<p>A. $x/7y$ B. $7x/y$ C. $7x/100y$ D. $700xy$</p>
5	Dave is twice as old as Bob, who is 3 years older than Steve. If Steve is 4a years old, Dave's age is:	<p>A. 8a B. 22a C. 14a D. $8a+6$</p>
6	If it takes 10 minutes to walk $3/4$ mile, how many minutes will it take to walk the rest of the mile?	<p>A. $2 \frac{1}{3}$ B. $13 \frac{1}{3}$ C. $4 \frac{2}{7}$ D. 30</p>
7	The population of 8 villages is 900, 750, 1100, 1050, 835, 1250, 555, and 630. Find the population of Ninth village if the average population of Nine villages is 900.	<p>A. 1200 B. 1050 C. 1030 D. 7070</p>
8	How many miles are there between two cities if the distance is represented by a 2.4 inch line on a map having a scale of 1 inch to 8 miles?	<p>A. 19.0 B. 12.8 C. 8.5 D. 38</p>
9	If $2x + y + 11$ and $3x + 2y = 17$ then y is?	<p>A. 1 B. 5 C. 6 D. 4</p>
10	Find the sum of money, 11% of which is Rs.1650.	<p>A. 150 B. 3300 C. 25000 D. 15000</p>
11	The value of $(x+y)^2 + (x-y)^2$ is?	<p>A. 4 B. $2(x^2+y^2)$ C. $4xy$ D. $-4xy$</p>
12	If $x + 2y = 11$ and $x + y = 10$ the value of y is:	<p>A. 1 B. 2 C. 3 D. 4</p>
13	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>
14	A car that gets 15 miles per gallon of gasoline can travel 250 miles on a full tank. If the	<p>A. 300 B. 750</p>

	same car got 20 miles per gallon, how many miles could it travel on a full tank?	C. 250 $\frac{3}{5}$ D. 333 $\frac{1}{3}$
15	How many tens are equal to the number whose hundreds, tens, and units digits are a, b, and c, respectively ?	A. b C. $10a+b+c$
16	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 ?	A. $2\frac{8}{11}$ B. $\frac{5}{66}$ C. $2\frac{1}{5}$ D. $11\frac{1}{30}$
17	In Myra had bowling scores of $b+6$, $b-2$, $b+4$, and $b-5$. what must she score in the next game to get overall average of $b+2$?	A. $b+7$ B. $b-3$ C. $b+3$ D. $b-7$
18	How many integers between 28 and 98 are exactly divisible by 7 ?	A. 9 B. 11 C. 12 D. 8
19	$2x^2y$ when multiplied with $x^2 + y^2$ gives ?	A. $2x^2y^2 + 2xy^3$ B. $2x^4y + 2x^2y^3$ C. $2xy^2 + 2x^2y^3$ D. $2xy^3 + 2x^3y$
20	If $3x+5y=10$ and $3y+5x=30$ then average of 'x' and 'y' is?	A. $\frac{3}{2}$ B. 4 C. $\frac{5}{2}$ D. $\frac{7}{2}$