

NAT-ICOM Commerce Quantitative Easy Test

Sr	Questions	Answers Choice
1	Ay-b=c,dy what is 'y' in terms of 'a', 'b' and 'c'?	A. $(c+b) / (a+d)$ B. $(c-b) / (a+d)$ C. $(c-b) / (a+d)$ D. $(c+b) / (a-d)$
2	In a school there are 400 students, of whom 70% are boys: what is the number of girls ?	A. 120 B. 200 C. 280 D. 2800
3	How many integers from 28 to 98, both exclusive are exactly divisible by 7?	A. 9 B. 11 C. 12 D. 8
4	If the area of two circles are in the ratio 169 : 196 then ratio of their radii is	A. 13 : 11 B. 10 : 13 C. 14 : 13 D. 13 : 14
5	$(x+y)^2=25$ and $x^2+y^2=13$ then xy is equal to?	A. 16 B. 20 C. 18 D. 6
6	If $abc=2$ and $a=c$ then $b=$	A. $a^{>2}</sup>$ B. $1/2a$ C. $2/a^{>2}</sup>$ D. $2-a^{>2}</sup>$
7	$(580 \times 12) - (645 \times 5) / 50 \times 10 = ?$	A. 7.47 B. 3725 C. 74.7 D. 4450
8	Change $4 \frac{4}{2}$ to an improper fraction:	A. $14/3$ B. $11/3$ C. $24/3$ D. $10/3$
9	What is the sum of money, of which 6% is 18 dollars ?	A. 600 B. 200 C. 300 D. 10
10	A candy recipe calls for 5 parts milk, 4 parts cocoa, 4 parts syrup, 2 parts sugar, and 1 part butter. If you use 8 ounces of milk, how many ounces of candy mixture can you make?	A. $25 \frac{3}{5}$ B. $5 \frac{3}{5}$ C. 20 D. 128
11	$x + y = 17$ and $x=2$, then value of y?	A. 13 B. 15 C. 19 D. 10
12	Question Image	A. 24 B. $12\sqrt{2}$ C. $16\sqrt{2}$ D. 48
13	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed to plow the field in 5 hours?	A. 32 B. 4 C. 16 D. 8
14	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
15	A man opens a bookstall with a capital of Rs. 25000. In three month his capital amounts to rupees 27500. What is the increase percent ?	A. 1% B. 10% C. 20% D. 7%

16	What part of an hour elapses between 10:45 a.m. and 11:09 a.m. ?	A. 2/5 B. 3/5 C. 11/12 D. 2
17	$\frac{1}{2}$ of $44 \div 2.2 = ?$	A. 20 B. 22 C. 44 D. 100
18	Question Image	A. 41 ^O B. 65 ^O C. 115 ^O D. 106 ^O
19	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. $\frac{11}{30}$
20	Question Image	A. $a-180$ B. $2a-180$ C. $180-2a$ D. $180-b$
21	$(60)^2 = ? \times 72$	A. 3600 B. 3528 C. 0.02 D. 50
22	$\frac{7}{3} \div \frac{35}{18} \div \frac{54}{20} = ?$	A. $\frac{49}{4}$ B. $\frac{4}{9}$ C. $\frac{4}{63}$ D. $\frac{81}{35}$
23	If $2x + y + 11$ and $3x + 2y = 17$ then y is?	A. 1 B. 5 C. 6 D. 4
24	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed to plow the field in 5 hours ?	A. 32 B. 4 C. 16 D. 8
25	If a machine can place a cap on a bottle of soda every 0.8 seconds, how many bottles can be capped in 2 hours?	A. 8000 B. 9000 C. 300 D. 900
26	Question Image	A. 30 B. 39 C. 80 D. 78
27	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.	A. \$250 B. \$300 C. \$400 D. \$380
28	If a pipe can fill a tank in 2 hours and another pipe can fill the same tank in 40 minutes. how much time in minutes is needed to fill the tank if both the pipes are working together?	A. 90 B. 50 C. 60 D. 30
29	$\frac{3}{4}$ of 432 = ?	A. 340 B. 232 C. 324 D. 316
30	$0.027\sqrt{90} = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
31	$\sqrt{169}/196 \times 14/\sqrt{1521} = ?$	A. $\frac{13}{42}$ B. $\frac{1}{13}$ C. $\frac{42}{5}$ D. $\frac{1}{42}$
32	$9218 - 3546 + 2354 = ?$	A. 8026 B. 8116 C. 10410 D. 23174
33	Dave is twice as old as Bob, who is 3 years older than Steve. If Steve is 4a years old, Dave's age is	A. 8a B. 22a C. 14a

34	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
35	Find the sum of money, 11% of which is Rs.1650.	A. 150 B. 3300 C. 25000 D. 15000
36	A rectangle is 16 cm long and 10 cm wide. If the length is reduced by k cm and its width is increased also by k cm so as to make it a square then its area changes by	A. 169 B. 256 C. 100 D. 9 E. None of the above
37	A clock gain 8 minutes every x hours. How many hours will the clock gain in 3 days ?	A. $576/x$ B. $48/5x$ C. $24/x$ D. $576/5x$
38	A man has Rs. 2000, and spends 18% of it. What money has he left now ?	A. 3600 B. 820 C. 1640 D. 4000
39	A clerk filed 73 forms on Monday, 85 forms on Tuesday, 54 on Wednesday, 92 on Thursday and 66 on Friday. What was the average number of forms filed per day ?	A. 50 B. 95 C. 84 D. 74
40	$5/3 + 7/6 + 9/3 + 7/2 = ?$	A. $28/3$ B. $112/3$ C. $28/12$ D. $14/7$
41	The death rates for three diseases are : Disease R 2 People out of 10,000 Disease S 13 People out of 1,000,000 Disease T 9 People out of 100,000 Disease R 2 People out of 10,000 What is the combined death rate for the three diseases?	A. 123 out of 1,000,000 B. 42 out of 10,000 C. 42 out of 1000,000 D. 303 out of 1,000,000
42	Find the ratio of 18 inches to 2 yards.	A. $3/4$ B. $1/4$ C. $1/5$ D. $2/5$
43	Out of the 44 boys in a class 9 are of the age of 10, 15 at the age of 9, and the rest are at the of 8. Find their average age.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
44	$350 - -96 \div 18 = ?$	A. 318 B. -132 C. 328 D. 232
45	Question Image	A. 780 B. 585 C. 1170 D. 540
46	$(160 - 130) (270 - 240) / 2250 \div 50 = ?$	A. $4/3$ B. $2/3$ C. 45 D. 20
47	$72/3 \div 18/6 = ?$	A. 72 B. 8 C. 18 D. 48
48	Question Image	A. a B. $90-a$ C. $180-a/2$ D. $180-a$
49	If p is a negative integer and $p^2 + 11p = t$, a value of t could be:	A. 12 B. 18 C. -18 D. 11

50	If a train travels $\frac{5}{6}$ miles in $1\frac{1}{4}$ minutes, how many miles will it travel in 1 hour?	B. 50 miles C. 40 miles D. 30 miles
51	How many integers between 28 and 98 are exactly divisible by 7 ?	A. 9 B. 11 C. 12 D. 8
52	Question Image	A. $\frac{25}{32}$ B. $\frac{7}{8}$ C. $\frac{32}{25}$ D. $\frac{11}{10}$
53	Which of the following is the sum of two consecutive prime numbers ?	A. 66 B. 52 C. 41 D. 29
54	$(242 - 17)^2 - (7-5)^2 = ?$	A. 49000 B. 49200 C. 94200 D. 49400
55	If 7 apples cost y cents, how many apples will x dollars buy ?	A. $x / 7y$ B. $7x / y$ C. $7x / 100y$ D. $700x / y$
56	If it takes 10 minutes to walk $\frac{3}{7}$ mile, how many minutes will it take to walk the rest of the mile ?	A. $2\frac{1}{3}$ B. $13\frac{1}{3}$ C. $4\frac{2}{7}$ D. 30
57	If it takes 10 minutes to walk $\frac{3}{4}$ mile, how many minutes will it take to walk the rest of the mile?	A. $2\frac{1}{3}$ B. $13\frac{1}{3}$ C. $4\frac{2}{7}$ D. 30
58	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:	A. 68 B. 69 C. 70 D. 71
59	Which of the following is the sum of two consecutive prime numbers?	A. 66 B. 52 C. 41 D. 29
60	Question Image	A. 50 m B. 64 m C. 72 m D. 84 m
61	One-sixth of a day is what part of the time between 3 p.m. Monday and 3 p.m. Thursday of the same week ?	A. $\frac{1}{10}$ B. $\frac{1}{18}$ C. $\frac{1}{15}$ D. $\frac{1}{12}$
62	Four people are asked to stand in a straight line. In how many different orders can they line up?	A. 12 B. 16 C. 24 D. 6
63	A car that gets 15 miles per gallon of gasoline can travel 250 miles on a full tank. If the same car got 20 miles per gallon, how many miles could it travel on a full tank ?	A. 300 B. 750 C. $250\frac{3}{4}$ D. $333\frac{1}{3}$
64	The value of $\{0.5^4 - 0.4^4\} / \{0.5^2 + 0.4^2\}$ is?	A. 0.9 B. 0.09 C. 0.19 D. 0.31
65	If a machine can place a cap on a bottle of soda every 0.8 seconds, how many bottles can be capped in 2 hours ?	A. 8000 B. 9000 C. 300 D. 900
66	A candy recipe calls for 5 parts milk, 4 parts cocoa, 4 parts syrup, 2 parts sugar, and 1 part butter. If you use 8 ounces of milk, how many ounces of candy mixture can you make ?	A. $25\frac{3}{5}$ B. $5\frac{3}{5}$ C. 20 D. 128
67	How many tens are equal to the number whose hundreds, tens, and units digits are a, b, and c, respectively ?	A. b C. $10a+b+c$
68	The average of x.v.z and 40 is 10. What is the average of x.v. and z.	A. 10 B. 0 C. ~ D. ~

		C. 2 D. 15
69	Find the ratio of 18 inches to 2 yards.	
70	$? \times 12 = 75\%$ of 336	A. 48 B. 252 C. 28 D. 21
71	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. $b-7$
72	The population of a city increased in two years from 25,000 to 30,000; find the percent increase during the time.	A. 10% B. 20% C. 40% D. 5%
73	$72 + 679 + 1439 + 537 + ? = 4036$	A. 1309 B. 1208 C. 2308 D. 2423
74	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
75	$1764 \div 17.64 / 0.5$	A. 100 B. 20 C. 0.2 D. 200
76	A man has Rs.2000 and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
77	If $(36)(?)(7) = 21$, then ? equals	A. $21/43$ B. $1/42$ C. $1/12$ D. $1/11$
78	How many cents will r books cost if t books cost m dollars ?	
79	Question Image	A. $b-180$ B. $b-90$ C. $180-a/2$ D. $180-a$
80	25% of $4 \div 4\%$ of 25 =?	A. 1 B. 3 C. 0 D. 6
81	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.	A. 1200 B. 1050 C. 1030 D. 7070
82	Dave is twice as old as Bob, who is 3 years older than Steve. If Steve is $4a$ years old, Dave's age is:	A. $8a$ B. $22a$ C. $14a$ D. $8a+6$
83	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.	A. 1200 B. 1050 C. 1030 D. 7070
84	Find the value of x if $3 : b = x : c$.	
85	If the sum of the interior angles of a regular polygon measures up to 1440 degrees, how many sides does the polygon have ?	A. 10 sides B. 8 sides C. 12 sides D. 9 sides
86	If a train travels $5/6$ mile in $1 \frac{1}{4}$ minutes, how many miles will it travel in 1 hour ?	A. 20 miles B. 50 miles C. 40 miles D. 30 miles
87	If $(p-3)(p+5) > (p-3)(p+8)$, what is the best description of p ?	A. $p = 3$ B. $-8 < p < -5$ C. $p = \{ \text{ } \}$ D. $p < 3$

88	If p is a negative integer and $P^2 + 11p = t$, a value of t could be	A. 12 B. 18 C. -18 D. 11
89	In a school there are 400 students, of whom 70% are boys. What is the number of girls?	A. 130 B. 200 C. 280 D. 2800
90	A motion was passed by a vote of 5 : 3. what part of the votes cast was in favor of the motion?	A. 3/5 B. 5/8 C. 3/8 D. 5/3
91	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
92	A car that gets 15 miles per gallon of gasoline can travel 250 miles on a full tank. If the same car got 20 miles per gallon, how many miles could it travel on a full tank?	A. 300 B. 750 C. 250 3/5 D. 333 1/3
93	Mr. Kashif got an average of 50 in 6 tests. What should he get in the next test to attain the average of 60 ?	A. 120 B. 60 C. 100 D. 70
94	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
95	A man spent 10% of his money. After spending 60% of the remainder he has Rs. 72 left. How much had he in the start ?	A. 10 B. 100 C. 200 D. 400
96	If the ratio of $x : y$ is 9 : 7, then $x+y$ is	A. 16 B. 2 C. 1 D. None
97	$Ay-b=c-dy$ what is 'y' in terms of 'a', 'b' and 'c'?	A. 30 B. 38/2 C. 38/3 D. 38/5
98	Out of the 44 boys in a class 9 are of the age of 10, 15 at the age of 9, and the rest are at the age of 8. Find their average age.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
99	If $3x+5y=10$ and $3y+5x=30$ then average of 'x' and 'y' is?	A. 3/2 B. 4 C. 5/2 D. 7/2
100	What is the number, 5% of which is 10?	A. 200 B. 100 C. 50 D. 10
101	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%
102	$2244 - 0.88 = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
103	Change $27/7$ to a mixed number.	A. 6 1/3 B. 7 1/2 C. 3 6/7 D. 2 1/7
104	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. 5/66 C. $2 \frac{1}{5}$ D. 11/30
105	What is the number of 5% of which is 10 ?	A. 200 B. 100 C. 50

		D. 10
106	Question Image	A. 40 B. 50 C. 120 D. 130
107	$\sqrt{?}/16 = 0.5$	A. 8 B. 12 C. 32 D. 64
108	If 7 apples cost y cents, how many apples will x dollars buy?	A. $x/7y$ B. $7x/y$ C. $7x/100y$ D. $700x/y$
109	Question Image	A. 40 B. 50 C. 90 D. 130
110	If $3\frac{1}{5}c = 2\frac{1}{2}b$ and $c \neq 0$, then $b/c = ?$	A. $25/32$ B. $7/8$ C. $32/25$ D. $11/10$
111	A piece of fabric is cut into three sections so that the first is three times as long as the second and the second is three times as long as the third. What part of the entire piece is the smallest section ?	A. $2/5$ B. $3/7$ C. $2/3$ D. $1/13$
112	t is an integer than 5. The expression that must represent an odd integer is:	A. $1/(t+1)$ B. $9t-1$ C. $t ²$ D. $2t-3$
113	Question Image	A. 20 B. 25 C. 40 D. 50
114	Find the value of x if $3:b = x:c$.	A. $3b/c$ B. $c/3b$ C. $2c/3b$ D. $3c/b$
115	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.	A. <sup>2</sup>\$250 B. <sup>2</sup>\$300 C. <sup>2</sup>\$400 D. <sup>2</sup>\$380
116	$19 \times 11 + 18 \times 6 / 24 \times 3 - 62$	A. 20.7 B. $21\frac{7}{8}$ C. 1.47 D. 31.7
117	When $3x^2+5x+7$ is subtracted from x^2+8x+3 the result is?	A. $5x ² - 3x + 4$ B. $3x - 2x ² - 4$ C. $x ² + 8x + 10$ D. $11x ² + 3x + 10$
118	If $abc = 2$ and $a = c$ then $b =$	A. $a ²$ B. $1/2a$ C. $2/a ²$ D. $2 - a ²$
119	If $4x - y = 13$ and $3x - 2y = 7$ then what is the average of 'x' and 'y'?	A. 4 B. 3 C. 2 D. 6
120	A factory employs M men and W women. What part of its employees are women ?	A. $W/(W+M)$ B. W/M C. $(W+M)/M$ D. M/W
121	Find the arithmetic mean of 25.2, 13.5, 18.5 and 34.8	A. 13 B. 23 C. 27 D. 5

122	$x^2 = 1681$, $x = ?$	A. 31 B. 41 C. 51 D. 61
123	Mr.Kashif got an average of 50 in 6 tests. What should he get in the next test to attain the average of 60?	A. 120 B. 60 C. 100 D. 70
124	The average height of a class of 14 boys is 5.3 feet. A new boy admitted to the class, the new average of 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
125	$11/3 + 8/3 + 17/3$	A. 14 B. 12 C. 11 D. 15
126	A and B can do a job in 6 day. If A do the job alone he takes 10 days. What will be the time required by B to complete the job alone ?	A. 8 B. 6 C. 15 D. 3
127	If $x=7y+3$ and $z=49y^2$ then what is 'z' in terms of x?	A. x^2 B. $x^{\sup>2\</sup>-3}$ C. $(x-3)^{\sup>2\</sup>/7}$ D. None
128	One-sixth of a day is what part of the time between 3 p.m. Monday and 3 a.m. Thursday of the same week?	A. 1/10 B. 1/18 C. 1/15 D. 1/12
129	Question Image	A. 5 B. 10 C. 110 D. 125
130	The average of x, y, z and 40 is 10. What is the average of x, y, and Z.	A. 10 B. 0 C. 2 D. 15
131	A man opens a bookstall with a capital of Rs.25000. In three months his capital amounts to rupees 27500. What is the increase percent?	A. 1% B. 10% C. 20% D. 7%
132	If $(x+1/x)^2=96$ what is the value of $x^2 + 1/x^2$?	A. 94 B. 98 C. 100 D. 90
133	A rectangular lot 50 feet by 100 feet is surrounded on all sides by a concrete walk 5 feet wide. Find the number of square feet in the surface of the walk.	A. 1600 B. 5250 C. 5500 D. 6100
134	If $a^2 - b^2 = 36$ and $a-b = 12$ then average of 'a' and 'b' is?	A. 3 B. 12 C. 6 D. $3/2$
135	David receives his allowance on Sunday. He spends 1/4 of his allowance on Monday and 2/3 of the remainder on Tuesday. What part of his allowance is left for the rest of the week ?	A. 2/3 B. 4/5 C. 6/7 D. 1/4
136	If a man's weekly salary is \$X and he saves \$Y, what part of his weekly salary does he spend?	
137	$0.007 \div \sqrt{0.000049}$	A. 1 B. 0.0049 C. 2 D. 7
138	One half of the employees of Al Karim Co. earn salaries above Rs. 18,000 monthly. One third of the remainder earn salaries between Rs. 15,000 and Rs. 18,000. What part of the staff earns below Rs. 15,000 ?	A. 2/3 B. 1/3 C. 2/5 D. 3/5
139	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50

140	The population of a city increased in two years from 25,000 to 30,000: find the increase percent during the time.	A. 10% B. 20% C. 40% D. 5%
141	$(44 \times 3) + 128 + 120 / 9.5 - 94.7$	A. 380 B. 10 C. 76.12 D. 100
142	$224\sqrt{0.88} = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
143	$x\sqrt{0.09} = 3: x = ?$	A. 10 B. 1/3 C. 1/10 D. 1
144	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
145	If $(36)(?)(7)=21$, then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
146	A team played 30 games of which it won 24. What part of the games played did it close ?	A. 1/5 B. 5/6 C. 6/5 D. 5
147	A clerk filled 73 forms on Monday, 85 forms on Tuesday, 54 on Wednesday, 92 on Thursday and 66 on Friday. What was the average number of forms filled per day?	A. 50 B. 95 C. 84 D. 74
148	The annual decrease in the population of a city was 10% and the present number of inhabitants is 1620. What was the population 2 years hence?	A. 20 B. 400 C. 2000 D. 1000
149	How many tens are equal to the number whose hundreds, tens, and units digits are a,b,c, respectively?	A. b B. $a+1/10b+1/100c$ C. $10a+b+c$ D. $10a+b+c/10$
150	$(190)^2 - (150)^2 = ?$	A. 58600 B. 13600 C. 1360 D. 1600
151	$2x^2y$ when multiplied with $x^2 + y^2$ gives ?	A. $2x^2y^2 + 2xy^3$ B. $2x^4y + 2x^2y^3$ C. $2xy^2 + 2x^2y$ D. $2xy^3 + 2x^3y$
152	12 is $\frac{3}{4}$ of what number ?	A. 20 B. 24 C. 16 D. 8
153	$2.08 - (0.5)^2 = ?$	A. -1.20 B. 1.88 C. 1.83 D. 2.16
154	A man spent 10% of his money .After spending 60% of the reminder he has Rs.72 left. How much had he in the start?	A. 10 B. 100 C. 200 D. 400
155	$1.02 - 0.02 + ? = 1.842$	A. 0.222 B. 0.842 C. 2 D. None
156	If apples cost 3 for 37 cents, find the cost of $1\frac{3}{4}$ dozen apples.	A. 111 cents B. 159 cents C. 259 cents D. 211 cents

157	12% of $x = 360$	A. 250 B. 100 C. 400 D. 3000
158	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
159	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 ?	A. 19.2 B. 12.8 C. 8.5 D. 38
160	$816 - 288 \div 24 = ?$	A. 22 B. 828 C. 528 D. 804
161	The annual decrease in the population of a city was 10% and the present number of inhabitants is 1620. What was the population 2 years hence ?	A. 20 B. 400 C. 2000 D. 1000
162	$Z + 1/Z = 2$; $Z = ?$	A. 2 B. 1 C. $1/2$ D. $1 \frac{1}{2}$
163	$7 \times 21 \div 3 + 3 / 8 \div 4 \times 2$	A. 13 B. 17 C. 31 D. 1
164	If $x\%$ of 60 = 48, then $x = ?$	A. 80 B. 60 C. 90 D. 40
165	$1 \frac{3}{4} - 1 \frac{3}{5} = ?$	A. 0.16 B. 0.2 C. 0.15 D. $13/20$
166	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 $b + 2$?	A. $b + 7$ B. $b - 3$ C. $b + 3$ D. $b - 7$
167	An angle is 30° more than one-half its complement. Find the angle.	A. 20° B. 30° C. 50° D. 60°
168	If the radius of a circle is increased by 20% then the area is increased by	A. 44% B. 120% C. 144% D. 40%
169	Question Image	A. 4π B. 18π C. 28π D. 32π
170	If 'x' and 'y' are positive and $1/x = 3 + 1/y$ is 'x' greater than 'y'?	A. Yes B. No C. It cannot be determined D. They are equal
171	The value of $(x+y)^2 - (x-y)^2$ is?	A. 4 B. $x^2 + y^2$ C. $4xy$ D. $-4xy$
172	A and B can do a jobs in 6 days. If A does the job alone he takes 10 days.What will be time required by B to complete the job alone?	A. 8 B. 6 C. 15 D. 3
173	The value of $(x+y)^2 + (x-y)^2$ is?	A. 4 B. $2(x^2 + y^2)$ C. $4xy$ D. $-4xy$
174	A 4 cm cube is cut into 1 cm cubes. What is the percentage increase in the surface area after such cutting ?	A. 4% B. 300% C. 75%

		D. 400%
175	t is an integer greater than 5. The expression that must represent an odd integer is	A. $t(t+1)$ B. $3t-1$ C. t^2+2 D. $2t-3$
176	If $(p-3)(p+4) > (p-3)(p+8)$, what is the best description of p?	A. $p=3$ B. $-8 \leq p \leq -5$ C. $p \in \{ \}$ D. $p \leq 3$
177	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 ? (25%)	A. 25% B. 50% C. 15% D. 20%
178	Four people are asked to stand in a straight line. In how many different orders can they line up ?	A. 12 B. 16 C. 24 D. 6
179	Question Image	A. 15 B. 30 C. 45 D. 72
180	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 C. 300 D. 20
181	How many cents will r books cost if t books cost m dollars?	A. $100mr / t$ B. $mr / 100$ C. $100t / mr$ D. $m / 100t$
182	$1/x = 1/y + 1/z$ then 'x' in terms of 'y' and 'z' is given by?	A. $(y+z) / (y-z)$ B. $yz / (y+z)$ C. $(y+z) / yz$ D. $1/z - 1/y$
183	If apples cost 3 for 37 cents, find the cost of 1 3/4 dozen apples.	A. 111 cents B. 159 cents C. 259 cents D. 211 cents
184	The value of $x^2 + 5x + 6$ at $x=2$ is:	A. 10 B. 14 C. 18 D. 20
185	$1250 \div 25 \times 0.5 = ?$	A. 25 B. 50 C. 2.5 D. 100
186	Question Image	A. 55 B. 70 C. 110 D. 125
187	If $x + 3y = 7$ and $2x + y = 5$ then value x/y is?	A. $1/2$ B. $1/3$ C. $2/5$ D. $8/9$
188	If a pipe can fill a tank in 2 hours and another pipe can fill the same tank in 40 minutes. How much time in minutes is needed to fill the tank if both the pipes are working together ?	A. 90 B. 90 C. 60 D. 30
189	A clock gain 8 minutes every x hours. How many hours will the clock gain in 3 days?	A. $576/x$ B. $48/5x$ C. $24/x$ D. $576/5x$
190	If $x + 2y = 11$ and $x + y = 10$ the value of y is:	A. 1 B. 2 C. 3 D. 4
191	Question Image	A. b B. b-180 C. 90-b D. 180-b
		A. 19.0

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| 192 | 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? | B. 12.8
C. 8.5
D. 38 |
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| 193 | $\sqrt{256} \div \sqrt{64} = ?$ | A. $\frac{1}{4}$
B. $\frac{26}{8}$
C. 16
D. 4 |
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