

NAT I Engineering Quantitative

Sr	Questions	Answers Choice
1	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
2	What is the number , 5% of which is 10?	A. 200 B. 100 C. 50 D. 10
3	If 7 apples cost y cents, how many apples will x dollars buy ?	A. $x / 7y$ B. $7x / y$ C. $7x / 100y$ D. $700x / y$
4	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
5	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
6	$(242 - 17)^2 - (7-5)^2 = ?$	A. 49000 B. 49200 C. 94200 D. 49400
7	Find the value of x if $3 : b = x : c$.	
8	Question Image	A. 25/32 B. 7/8 C. 32/25 D. 11/10
9	25% of 4 + 4% of 25 = ?	A. 1 B. 3 C. 0 D. 6
10	If a train travels $\frac{5}{6}$ 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
11	$(x+y)^2=25$ and $x^2+y^2=13$ then xy is equal to?	A. 16 B. 20 C. 18 D. 6
12	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
13	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
14	If the radius of a circle is increased by 20% then the area is increased by	A. 44% B. 120% C. 144% D. 40%
15	Question Image	A. 4π B. 18π C. 28π D. 32π
16	Question Image	A. 20 B. 25 C. 40

		D. 50
17	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
18	$816 - 288 \div 24 = ?$	A. 22 B. 828 C. 528 D. 804
19	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
20	A factory employs M men and W women. What part of its employees are women ?	A. $\frac{W}{(W+M)}$ B. $\frac{W}{M}$ C. $\frac{(W+M)}{M}$ D. $\frac{M}{W}$
21	If $3\frac{1}{5}c = 2\frac{1}{2}b$ and $c \neq 0$, then $b/c = ?$	A. $\frac{25}{32}$ B. $\frac{7}{8}$ C. $\frac{32}{25}$ D. $\frac{11}{10}$
22	Question Image	A. $41\sqrt{O}$ B. $65\sqrt{O}$ C. $115\sqrt{O}$ D. $106\sqrt{O}$
23	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. $8a+6$
24	Question Image	A. 15 B. 30 C. 45 D. 72
25	If $x + 2y = 11$ and $x + y = 10$ the value of y is:	A. 1 B. 2 C. 3 D. 4
26	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
27	Question Image	A. $a-180$ B. $2a-180$ C. $180-2a$ D. $180-b$
28	Change $4\frac{4}{2}$ to an improper fraction:	A. $\frac{14}{3}$ B. $\frac{11}{3}$ C. $\frac{24}{3}$ D. $\frac{10}{3}$
29	$0.027\sqrt{90} = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
30	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
31	$(44 \times 3) + 128 + 120 / 9.5 - 94.7$	A. 380 B. 10 C. 76.12 D. 100
32	If a train travels $\frac{5}{6}$ miles 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
33	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
		A. $b-180$ B. $b-an$

34	Question Image	<p>B. 180-a/2</p> <p>C. 180-a/2</p> <p>D. 180-a</p>
35	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	<p>A. 169</p> <p>B. 256</p> <p>C. 100</p> <p>D. 9</p> <p>E. None of the above</p>
36	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?	<p>A. 1%</p> <p>B. 10%</p> <p>C. 20%</p> <p>D. 7%</p>
37	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 ?	<p>A. 2/3</p> <p>B. 4/5</p> <p>C. 6/7</p> <p>D. 1/4</p>
38	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</p> <p>B. 22a</p> <p>C. 14a</p> <p>D. 8a + 6</p>
39	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	<p>A. 13</p> <p>B. 23</p> <p>C. 27</p> <p>D. 5</p>
40	The average of x, y, z and 40 is 10. What is the average of x, y, and Z.	<p>A. 10</p> <p>B. 0</p> <p>C. 2</p> <p>D. 15</p>
41	Question Image	<p>A. 5</p> <p>B. 10</p> <p>C. 110</p> <p>D. 125</p>
42	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 ?	<p>A. 300</p> <p>B. 750</p> <p>C. 250 3/4</p> <p>D. 333 1/3</p>
43	How many integers between 28 and 98 are exactly divisible by 7 ?	<p>A. 9</p> <p>B. 11</p> <p>C. 12</p> <p>D. 8</p>
44	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 amn, in inches, is:	<p>A. 68</p> <p>B. 69</p> <p>C. 70</p> <p>D. 71</p>
45	If $(36)(?)(7)=21$, then ? equals	<p>A. 21/43</p> <p>B. 1/42</p> <p>C. 1/12</p> <p>D. 1/11</p>
46	A man has Rs. 2000, and spends 18% of it. What money has he left now ?	<p>A. 3600</p> <p>B. 820</p> <p>C. 1640</p> <p>D. 4000</p>
47	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. 19.2</p> <p>B. 12.8</p> <p>C. 8.5</p> <p>D. 38</p>
48	Which of the following is the sum of two consecutive prime numbers?	<p>A. 66</p> <p>B. 52</p> <p>C. 41</p> <p>D. 29</p>
49	3/4 of 432 = ?	<p>A. 340</p> <p>B. 232</p> <p>C. 324</p> <p>D. 316</p>
50	9218 - 3546+ 2354 =?	<p>A. 8026</p> <p>B. 8116</p> <p>C. 10410</p> <p>D. 23174</p>
51	If apples cost 3 for 37 cents, find the cost of 1 3/4 dozen apples.	<p>A. 111 cents</p> <p>B. 159 cents</p> <p>C. 259 cents</p> <p>D. 211 cents</p>

52	$224\sqrt{0.88} = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
53	If $a^2 - b^2 = 36$ and $a - b = 12$ then average of 'a' and 'b' is?	A. 3 B. 12 C. 6 D. $3/2$
54	Question Image	A. a B. $90 - a$ C. $180 - a/2$ D. $180 - a$
55	$(160 - 130)(270 - 240) / 2250 \div 50 = ?$	A. $4/3$ B. $2/3$ C. 45 D. 20
56	$1250 \div 25 \times 0.5 = ?$	A. 25 B. 50 C. 2.5 D. 100
57	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. $b-7$
58	Find the value of x if $3:b = x:c$.	A. $3b/c$ B. $c/3b$ C. $2c/3b$ D. $3c/b$
59	$1764 \div 17.64 / 0.5$	A. 100 B. 20 C. 0.2 D. 200
60	The value of $x^2 + 5x + 6$ at $x=2$ is:	A. 10 B. 14 C. 18 D. 20
61	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
62	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
63	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+2} D. $2t-3$
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	$Ay - b = c$, 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. $(c+b) / (a-d)$
66	Which of the following is the sum of two consecutive prime numbers ?	A. 66 B. 52 C. 41 D. 29
67	$1.02 - 0.02 + ? = 1.842$	A. 0.222 B. 0.842 C. 2 D. None
68	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
69	If $2x + y + b11$ nad $3x + 2y = 17$ then y is?	A. 1 B. 5 C. 6 D. 4

70	$72 + 679 + 1439 + 537 + ? = 4036$	A. 1309 B. 1208 C. 2308 D. 2423
71	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
72	Question Image	A. b B. b-180 C. 90-b D. 180-b
73	How many integers from 28 to 98, both exclusive are exactly divisible by 7?	A. 9 B. 11 C. 12 D. 8
74	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
75	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
76	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
77	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. $\frac{2}{5}$ B. $\frac{3}{7}$ C. $\frac{2}{3}$ D. $\frac{1}{13}$
78	$? \times 12 = 75\%$ of 336	A. 48 B. 252 C. 28 D. 21
79	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
80	$\frac{1}{2}$ of $44 \div 2.2 = ?$	A. 20 B. 22 C. 44 D. 100
81	Question Image	A. 55 B. 70 C. 110 D. 125
82	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
83	If $3x+5y=10$ and $3y+5x=30$ then average if 'x' and 'y' is?	A. $\frac{3}{2}$ B. 4 C. $\frac{5}{2}$ D. $\frac{7}{2}$
84	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
85	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
86	$\frac{7}{3} \div \frac{35}{18} \div \frac{54}{20} = ?$	A. $\frac{49}{4}$ B. $\frac{4}{9}$ C. $\frac{4}{63}$ D. $\frac{81}{35}$
		A. 58600 B. 13600

87	$(190)^2 - (150)^2 = ?$	<p>A. 1360 B. 1600 C. 1360 D. 1600</p>
88	A clock gain 8 minutes every x hours. How many hours will the clock gain in 3 days ?	<p>A. 576/x B. 48/5x C. 24/x D. 576/5x</p>
89	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>
90	If $(p-3)(p+4) > (p-3)(p+8)$, what is the best description of p?	<p>A. $p=3$ B. $-8 \leq p \leq -5$ C. $p \in \{ \}$ D. $p \leq 3$</p>
91	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>
92	If p is a negative integer and $p^2 + 11p = t$, a value of t could be:	<p>A. 12 B. 18 C. -18 D. 11</p>
93	$1/x = 1/y + 1/z$ 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>
94	Change $27/7$ to a mixed number.	<p>A. $6 \frac{1}{3}$ B. $7 \frac{1}{2}$ C. $3 \frac{6}{7}$ D. $2 \frac{1}{7}$</p>
95	The value of $(x+y)^2 - (x-y)^2$ is?	<p>A. 4 B. $x^2 + y^2 + 2xy$ C. $4xy$ D. $-4xy$</p>
96	<p>The death rates for three diseases are :</p> <p>Disease R 2 People out of 10,000</p> <p>Disease S 13 People out of 1,000,000</p> <p>Disease T 9 People out of 100,000</p> <p>Disease R 2 People out of 10,000</p> <p>What is the combined death rate for the three diseases?</p>	<p>A. 123 out of 1,000,000 B. 42 out of 10,000 C. 42 out of 1,000,000 D. 303 out of 1,000,000</p>
97	If $abc = 2$ and $a = c$ then $b =$	<p>A. a^2 B. $1/2a$ C. $2/a^2$ D. $2 - a^2$</p>
98	12% of $x = 360$	<p>A. 250 B. 100 C. 400 D. 3000</p>
99	$2.08 - (0.5)^2 = ?$	<p>A. -1.20 B. 1.88 C. 1.83 D. 2.16</p>
100	How many tens are equal to the number whose hundreds, tens, and units digits are a, b, and c, respectively ?	<p>A. b C. $10a + b + c$</p>
101	The average of x,y,z and 40 is 10. What is the average of x,y, and z.	<p>A. 10 B. 0 C. 2 D. 15</p>
102	$350 - -96 \div 18 = ?$	<p>A. 318 B. -132 C. 328 D. 232</p>
103	How many cents will r books cost if t books cost m dollars ?	
104	If $(x + 1/x)^2 = 96$ what is the value of $x^2 + 1/x^2$?	<p>A. 94 B. 98 C. 100 D. 90</p>

A. 3600

105	$(60)^2 = ? \times 72$	B. 3528 C. 0.02 D. 50
106	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%
107	$x + y = 17$ and $x = 2$, then value of y ?	A. 13 B. 15 C. 19 D. 10
108	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
109	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%
110	If a man's weekly salary is \$X and he saves \$Y, what part of his weekly salary does he spend?	
111	$Ay - b = c - dy$ what is 'y' in terms of 'a', 'b' and 'c'?	A. 30 B. $38/2$ C. $38/3$ D. $38/5$
112	Question Image	A. 30 B. 39 C. 80 D. 78
113	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
114	If 7 apples cost y cents, how many apples will x dollars buy?	A. $x/7y$ B. $7x/y$ C. $7x/100y$ D. $700x/y$
115	Question Image	A. 40 B. 50 C. 120 D. 130
116	$11/3 + 8/3 + 17/3$	A. 14 B. 12 C. 11 D. 15
117	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
118	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
119	$7 \times 21 \div 3 + 3 / 8 \div 4 \times 2$	A. 13 B. 17 C. 31 D. 1
120	What is the sum of money, of which 6% is 18 dollars ?	A. 600 B. 200 C. 300 D. 10
121	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%
122	$0.007 \div \sqrt{0.000049}$	A. 1 B. 0.0049 C. 2 D. 7
123	A clock gain 8 minutes every x hours. How many hours will the clock gain in 3 days?	A. $576/x$ B. $48/5x$

123	A clock gain 6 minutes every x hours. How many hours will the clock gain in 5 days?	C. $24/x$ D. $576/5x$
124	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. $3/5$
125	If $abc = 2$ and $a = c$ then $b =$	A. a^{2c} B. $1/2a$ C. $2/a^{2c}$ D. $2 - a^{2c}$
126	$2x2y$ when multiplied with $x^2 + y^2$ gives ?	A. $2x^2y^{2+3} + 2xy^{2+3}$ B. $2x^4y + 2x^2y^{2+3}$ C. $2xy^{2+2} + 2x^{2+2}y$ D. $2xy^{2+3} + 2x^3y$
127	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
128	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%
129	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. $2t-3$
130	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 C. 300 D. 20
131	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. $5/3$
132	Question Image	A. 780 B. 585 C. 1170 D. 540
133	$2244 - 0.88 = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
134	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. $250 \frac{3}{5}$ D. $333 \frac{1}{3}$
135	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
136	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
137	$\frac{5}{3} + \frac{7}{6} + \frac{9}{3} + \frac{7}{2} = ?$	A. $\frac{28}{3}$ B. $\frac{112}{3}$ C. $\frac{28}{12}$ D. $\frac{14}{7}$
138	Question Image	A. 40 B. 50 C. 90 D. 130
139	$x^2 = 1681$, $x = ?$	A. 31 B. 41 C. 51 D. 61
140	$(20)^2 - 2 \times 20$	A. 36 B. 3600

140	$(60)^{-2} = r \times \frac{1}{2}$	C. 40 D. 50
141	How many cents will r books cost if t books cost m dollars?	A. $100mr / t$ B. $mr / 100$ C. $100t / mr$ D. $m / 100t$
142	$(580 \times 12) - (645 \times 5) / 50 \times 10 = ?$	A. 7.47 B. 3725 C. 74.7 D. 4450
143	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
144	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
145	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
146	$\sqrt{?}/16 = 0.5$	A. 8 B. 12 C. 32 D. 64
147	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. $p < 3$
148	$\sqrt{169} / 196 \times 14 / \sqrt{1521} = ?$	A. $13/42$ B. $1/13$ C. $42/5$ D. $1/42$
149	If $(36)(?)(7) = 21$, then ? equals	A. $21/43$ B. $1/42$ C. $1/12$ D. $1/11$
150	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
151	$72/3 \div 18/6 = ?$	A. 72 B. 8 C. 18 D. 48
152	<div>Question Image</div>	A. 24 B. $12\sqrt{2}$ C. $16\sqrt{2}$ D. 48
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156	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
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158	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
159	An angle is 30° more than one-half its complement. Find the angle.	A. 20° B. 30° C. 50° D. 60°
160	What is the number of 5% of which is 10 ?	A. 200 B. 100 C. 50 D. 10
161	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%
162	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
163	Find the arithmetic mean of 25.2, 13.5, 18.5 and 34.8	A. 13 B. 23 C. 27 D. 5
164	$1\frac{3}{4} - 1\frac{3}{5} = ?$	A. 0.16 B. 0.2 C. 0.15 D. $\frac{13}{20}$
165	If the ratio of $x : y$ is $9 : 7$, then $x+y$ is	A. 16 B. 2 C. 1 D. None
166	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
167	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
168	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. $\frac{11}{30}$
169	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
170	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
171	$Z + \frac{1}{Z} = 2$; $Z = ?$	A. 2 B. 1 C. $\frac{1}{2}$ D. $1\frac{1}{2}$
172	Question Image	A. 50 m B. 64 m C. 72 m D. 84 m
173	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. $10a+b+c/10$
174	If $x + 3y = 7$ and $2x + y = 5$ then value x/y is?	A. $\frac{1}{2}$ B. $\frac{1}{3}$ C. $\frac{2}{5}$ D. $\frac{8}{9}$
175	Find the ratio of 18 inches to 2 yards.	
176	$19 \times 11 + 18 \times 6 \div 24 \times 3 - 62$	A. 20.7 B. $21\frac{7}{8}$

176		C. 1.47 D. 31.7
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?	A. 25% B. 50% C. 15% D. 20%
178	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
179	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. $11x^2+3x+10$
180	$\sqrt{256} \div \sqrt{64} = ?$	A. 1/4 B. 26/8 C. 16 D. 4
181	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
182	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. $11/30$
183	If $x\%$ of 60 = 48, then $x = ?$	A. 80 B. 60 C. 90 D. 40
184	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
185	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
186	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
187	12 is $\frac{3}{4}$ of what number ?	A. 20 B. 24 C. 16 D. 8
188	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
189	Find the ratio of 18 inches to 2 yards.	A. $\frac{3}{4}$ B. $\frac{1}{4}$ C. $\frac{1}{5}$ D. $\frac{2}{5}$
190	The value of $(x+y)^2 + (x-y)^2$ is?	A. 4 B. $2(x^2+y^2)$ C. $4xy$ D. $-4xy$
191	A team played 30 games of which it won 24. What part of the games played did it close ?	A. $\frac{1}{5}$ B. $\frac{5}{6}$ C. $\frac{6}{5}$ D. 5
192	If it takes 10 minutes to walk $\frac{3}{4}$ mile, how many minutes will it take to walk the rest of the	A. $2 \frac{1}{3}$ B. $13 \frac{1}{3}$

mile?

C. $4\frac{2}{7}$
D. 30

193

$x\sqrt{0.09} = 3$: $x = ?$

A. 10
B. $\frac{1}{3}$
C. $\frac{1}{10}$
D. 1