

Quantitative Test for HEC HAT 2 Management Sciences and Business Education

Sr	Questions	Answers Choice
1	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
2	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
3	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 3/5 B. 5 3/5 C. 20 D. 128
4	The value of $(x+y)^2 - (x-y)^2$ is?	A. 4 B. $x^2 + y^2$ C. 4xy D. -4xy
5	If $x + 2y = 11$ and $x + y = 10$ the value of y is:	A. 1 B. 2 C. 3 D. 4
6	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. $\frac{11}{30}$
7	If $2x + y + 11$ and $3x + 2y = 17$ then y is?	A. 1 B. 5 C. 6 D. 4
8	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. $b - 7$
9	$Z + \frac{1}{Z} = 2$; $Z = ?$	A. 2 B. 1 C. $\frac{1}{2}$ D. $1 \frac{1}{2}$
10	A clock gain 8 minutes every x hours. How many hours will the clock gain in 3 days ?	A. $\frac{576}{x}$ B. $\frac{48}{5x}$ C. $\frac{24}{x}$ D. $\frac{576}{5x}$
11	$\frac{1}{x} = \frac{1}{y} + \frac{1}{z}$ then 'x' in terms of 'y' and 'z' is given by?	A. $\frac{(y+z)}{(y-z)}$ B. $\frac{yz}{(y+z)}$ C. $\frac{(y+z)}{yz}$ D. $\frac{1}{z} - \frac{1}{y}$
12	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
13	Question Image	A. 24 B. $12\sqrt{2}$ C. $16\sqrt{2}$ D. 48
14	$2244 - 0.88 = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
15	An angle is 30° more than one-half its complement. Find the angle.	A. 20° B. 30° C. 50° D. 60°

16	$(x+y)^2=25$ and $x^2+y^2=13$ then xy is equal to?	A. 16 B. 20 C. 18 D. 6
17	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. $\frac{11}{30}$
18	David receives his allowance on Sunday. He spends $\frac{1}{4}$ of his allowance on Monday and $\frac{2}{3}$ of the remainder on Tuesday. What part of his allowance is left for the rest of the week?	A. $\frac{2}{3}$ B. $\frac{4}{5}$ C. $\frac{6}{7}$ D. $\frac{1}{4}$
19	$350 - -96 \div 18 = ?$	A. 318 B. -132 C. 328 D. 232
20	The value of $x^2 + 5x + 6$ at $x=2$ is:	A. 10 B. 14 C. 18 D. 20
21	$1.02 - 0.02 + ? = 1.842$	A. 0.222 B. 0.842 C. 2 D. None
22	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. $8a+6$
23	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. $\frac{7}{2}$
24	$\frac{3}{4}$ of 432 = ?	A. 340 B. 232 C. 324 D. 316
25	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
26	$0.027\sqrt{90} = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
27	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
28	Question Image	A. 30 B. 39 C. 80 D. 78
29	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
30	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. $2t-3$
31	If $(36)(?)(7)=21$, then ? equals	A. $\frac{21}{43}$ B. $\frac{1}{42}$ C. $\frac{1}{12}$ D. $\frac{1}{11}$
32	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
33	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. 3000

	to happen in 2 hours ?	D. 900
34	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
35	If the radius of a circle is increased by 20% then the area is increased by	A. 44% B. 120% C. 144% D. 40%
36	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
37	Which of the following is the sum of two consecutive prime numbers?	A. 66 B. 52 C. 41 D. 29
38	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. 1/10 B. 1/18 C. 1/15 D. 1/12
39	If it takes 10 minutes to walk 3/7 mile, how many minutes will it take to walk the rest of the mile ?	A. 2 1/3 B. 13 1/3 C. 4 2/7 D. 30
40	What is the number , 5% of which is 10?	A. 200 B. 100 C. 50 D. 10
41	A motion was passed by a vote of 5 : 3. what part of the votes cast was is favor of the motion?	A. 3/5 B. 5/8 C. 3/8 D. 5/3
42	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
43	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
44	$(44 \times 3) + 128 + 120 / 9.5 - 94.7$	A. 380 B. 10 C. 76.12 D. 100
45	$2.08 - (0.5)^2 = ?$	A. -1.20 B. 1.88 C. 1.83 D. 2.16
46	$x^2 = 1681$, x=?	A. 31 B. 41 C. 51 D. 61
47	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
48	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
49	What is the number of 5% of which is 10 ?	A. 200 B. 100 C. 50 D. 10
50	$72/3 + 18/6 = ?$	A. 72 B. 8 C. 18 D. 48
	A number is divided by 5 and the quotient is 65222. What is the number ?	A. 1% B. 100%

51	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 ?	B. 10% C. 20% D. 7%
52	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
53	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. 19.0 B. 12.8 C. 8.5 D. 38
54	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
55	Find the value of x if $3 : b = x : c$.	
56	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
57	12% of $x=360$	A. 250 B. 100 C. 400 D. 3000
58	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%
59	Question Image	A. 25/32 B. 7/8 C. 32/25 D. 11/10
60	If $abc = 2$ and $a = c$ then $b =$	A. $a^{\sup>2\sup>}$ B. $1/2a$ C. $2/a^{\sup>2\sup>}$ D. $2-a^{\sup>2\sup>}$
61	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%
62	Question Image	A. 50 m B. 64 m C. 72 m D. 84 m
63	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. $p \leq 3$
64	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
65	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. $333 \frac{1}{3}$
66	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
67	How many integers between 28 and 98 are exactly divisible by 7 ?	A. 9 B. 11 C. 12 D. 8
68	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
69	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. --

71 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

A. 4π
B. 18π
C. 28π
D. 32π

A. $b-180$
B. $b-90$
C. $180-a/2$
D. $180-a$

A. $p = 3$
 B. $-8 \leq p \leq -5$
 C. $p = \{ \text{ } \}$
 D. $p \leq 3$

A. $25\frac{3}{5}$
B. $5\frac{3}{5}$
C. 20
D. 128

A. 20
B. 25
C. 40
D. 50

A. 3600
B. 820
C. 1640
D. 4000

A. $1(t+1)$
B. $9t-1$
C. t^2
D. $2t-3$

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

A. 7.47
B. 3725
C. 74.7
D. 4450

A. 12
B. 16
C. 24
D. 6

A. 94
B. 98
C. 100
D. 90

A. $\frac{2}{3}$
B. $\frac{1}{3}$
C. $\frac{2}{5}$
D. $\frac{3}{5}$

A. 10%
B. 20%
C. 40%
D. 5%

A. 12
B. 18
C. -18
D. 11

A. 55
B. 70
C. 110

		D. 125
87	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
88	$Ay-b=c$, 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. $(c+b) / (a-d)$
89	The population of 8 villages is 900, 750, 1100, 1050, 835, 1250, 555, and 630. Find teh population of Ninth village if the average population of Nine villages is 900.	A. 1200 B. 1050 C. 1030 D. 7070
90	Question Image	A. 40 B. 50 C. 120 D. 130
91	How many cents will r books cost if t books cost m dollars ?	
92	Which of the following is the sum of two consecutive prime numbers ?	A. 66 B. 52 C. 41 D. 29
93	$x\sqrt{0.09} = 3: x = ?$	A. 10 B. $1/3$ C. $1/10$ D. 1
94	$224\sqrt{0.88} = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
95	$\sqrt{256} \div \sqrt{64} = ?$	A. $1/4$ B. $26/8$ C. 16 D. 4
96	Question Image	A. $41^{^O}$ B. $65^{^O}$ C. $115^{^O}$ D. $106^{^O}$
97	$9218 - 3546 + 2354 = ?$	A. 8026 B. 8116 C. 10410 D. 23174
98	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%
99	$? \times 12 = 75\% \text{ of } 336$	A. 48 B. 252 C. 28 D. 21
100	Question Image	A. 780 B. 585 C. 1170 D. 540
101	What is the sum of money, of which 6% is 18 dollars ?	A. 600 B. 200 C. 300 D. 10
102	Find the ratio of 18 inches to 2 yards.	A. $3/4$ B. $1/4$ C. $1/5$ D. $2/5$
103	$0.007 \div \sqrt{0.000049}$	A. 1 B. 0.0049 C. 2 D. 7
104	If $x\%$ of 60 =48, then $x = ?$	A. 80 B. 60 C. 90 D. 40

105	Question Image	A. 15 B. 30 C. 45 D. 72
106	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
107	$7 \times 21 \div 3 + 3 \div 8 \div 4 \times 2$	A. 13 B. 17 C. 31 D. 1
108	Find the ratio of 18 inches to 2 yards.	
109	Question Image	A. b B. b-180 C. 90-b D. 180-b
110	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
111	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. $11x^2+3x+10$
112	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. $\frac{1}{13}$
113	Question Image	A. 5 B. 10 C. 110 D. 125
114	$(190)^2 - (150)^2 = ?$	A. 58600 B. 13600 C. 1360 D. 1600
115	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. $\frac{11}{10}$
116	$1764 \div 17.64 \div 0.5$	A. 100 B. 20 C. 0.2 D. 200
117	What is the sum of money, 6% of which is 18 dollars?	A. 600 B. 200 C. 300 D. 20
118	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
119	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%
120	If the ratio of $x : y$ is $9 : 7$, then $x+y$ is	A. 16 B. 2 C. 1 D. None
121	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
122	$816 - 288 \div 24 = ?$	A. 22 B. 828 C. 528 D. 804
123	$(242 - 17)^2 - (7-5)^2 = ?$	A. 49000 B. 49200 C. 94200 D. 49400
124	If $(36)(?)(7)=21$, then ? equals	A. $21/43$ B. $1/42$ C. $1/12$ D. $1/11$
125	$1/2$ of $44 \div 2.2 = ?$	A. 20 B. 22 C. 44 D. 100
126	$1250 \div 25 \times 0.5 = ?$	A. 25 B. 50 C. 2.5 D. 100
127	$(160 - 130)(270 - 240) \div 2250 \div 50 = ?$	A. $4/3$ B. $2/3$ C. 45 D. 20
128	25% of $4 \div 4\%$ of 25 =?	A. 1 B. 3 C. 0 D. 6
129	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
130	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
131	Question Image	A. $a-180$ B. $2a-180$ C. $180-2a$ D. $180-b$
132	Find the arithmetic mean of 25.2, 13.5, 18.5 and 34.8	A. 13 B. 23 C. 27 D. 5
133	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
134	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%
135	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
136	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
137	If $a^2 - b^2 = 36$ and $a-b = 12$ then average of 'a' and 'b' is?	A. 3 B. 12 C. 6 D. $3/2$
138	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
139	If $4x - y = 12$ and $2x + 3y = 7$ then what is the average of x and y ?	A. 4 B. 3

139	If $4x - y = 13$ and $5x - 2y = 7$ then what is the average of x and y ?	C. 2 D. 6
140	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
141	$x + y = 17$ and $x = 2$, then value of y ?	A. 13 B. 15 C. 19 D. 10
142	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
143	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
144	$19 \times 11 + 18 \times 6 / 24 \times 3 - 62$	A. 20.7 B. $21 \frac{7}{8}$ C. 1.47 D. 31.7
145	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
146	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
147	$Ay - b = c - dy$ what is 'y' in terms of 'a', 'b' and 'c'?	A. 30 B. $38/2$ C. $38/3$ D. $38/5$
148	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. $8a + 6$
149	If a train travels $5/6$ 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
150	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
151	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
152	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
153	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. $1/12$
154	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. $333 \frac{1}{3}$
155	$5/3 + 7/6 + 9/3 + 7/2 = ?$	A. $28/3$ B. $112/3$ C. $28/12$ D. $14/7$
156	Change $27/7$ to a mixed number.	A. $6 \frac{1}{3}$ B. $7 \frac{1}{2}$ C. $3 \frac{6}{7}$ D. $2 \frac{1}{7}$

157	Question Image	B. 90-a C. $180-a/2$ D. $180-a$
158	Find the value of x if $3:b=x:c$.	A. $3b/c$ B. $c/3b$ C. $2c/3b$ D. $3c/b$
159	How many tens are equal to the number whose hundreds, tens, and units digits are a, b, and c, respectively ?	A. b C. $10a+b+c$
160	$7/3 \div 35/18 \div 54/20 = ?$	A. $49/4$ B. $4/9$ C. $4/63$ D. $81/35$
161	$1\frac{3}{4} - 1\frac{3}{5} = ?$	A. 0.16 B. 0.2 C. 0.15 D. $13/20$
162	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
163	$(60)^2 = ? \times 72$	A. 3600 B. 3528 C. 0.02 D. 50
164	$2x2y$ when multiplied with $x^2 + y^2$ gives ?	A. $2x^{²y^{³}} + 2xy^{³}$ B. $2x^{⁴y}$ C. $2x^{²y^{³}} + 2x^{²y}$ D. $2xy^{³} + 2x^{³y}$
165	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
166	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
167	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
168	The value of $(x+y)^2 + (x-y)^2$ is?	A. 4 B. $2(x^{²} + y^{²})$ C. $4xy$ D. $-4xy$
169	If 7 apples cost y cents, how many apples will x dollars buy?	A. $x/7y$ B. $7x/y$ C. $7x/100y$ D. $700x/y$
170	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
171	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
172	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
173	$72 + 679 + 1439 + 537 + ? = 4036$	A. 1309 B. 1208 C. 2308 D. 2423
174	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

	many sides does the polygon have ?	C. 12 sides D. 9 sides
175	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
176	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
177	Question Image	A. 40 B. 50 C. 90 D. 130
178	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
179	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. $10a+b+c/10$
180	How many integers from 28 to 98, both exclusive are exactly divisible by 7?	A. 9 B. 11 C. 12 D. 8
181	12 is 3/4 of what number ?	A. 20 B. 24 C. 16 D. 8
182	How many cents will r books cost if t books cost m dollars?	A. $100mr / t$ B. $mr / 100$ C. $100t / mr$ D. $m / 100t$
183	$\sqrt{169 / 196} \times 14 / \sqrt{1521} = ?$	A. 13/42 B. 1/13 C. 42/5 D. 1/42
184	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
185	$\sqrt{?}/16 = 0.5$	A. 8 B. 12 C. 32 D. 64
186	If a man's weekly salary is \$X and he saves \$Y, what part of his weekly salary does he spend?	
187	If $abc = 2$ and $a = c$ then $b =$	A. $a^{²}$ B. $1/2a$ C. $2/a^{²}$ D. $2-a^{²}$
188	If 7 apples cost y cents, how many apples will x dollars buy ?	A. $x / 7y$ B. $7x / y$ C. $7x / 100y$ D. $700x / y$
189	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
190	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
191	A man has Rs.2000 and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
192		A. 14 B. 12

192 $11/3 + 8/3 + 17/3$

~~C. 11~~
D. 15

193 Change $4 \frac{4}{2}$ to an improper fraction:

A. $14/3$
B. $11/3$
C. $24/3$
D. $10/3$