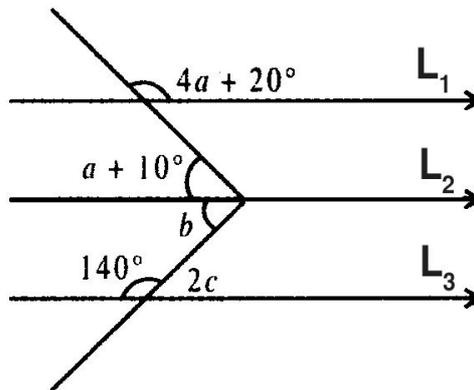
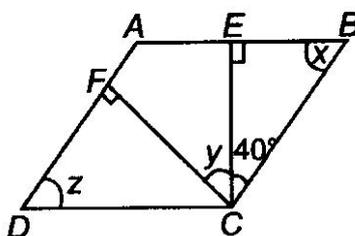


- What could be the maximum value of C in the following equation?
 $4A8 + 3B6 + 5C4 = 1268$
 (A) 3 (B) 5 (C) 4 (D) 6
- There are four prime numbers written in ascending order. The product of the first three is 385 and that of the last three is 1001. The last number is:
 (A) 11 (B) 13 (C) 17 (D) 19
- The HCF and LCM of two numbers are 11 and 385 respectively. If one number lies between 75 and 125, then that number is:
 (A) 99 (B) 88 (C) 77 (D) 110
- What is the digit in the hundred place in the product of first 45 even natural numbers?
 (A) 6 (B) 5 (C) 4 (D) 0
- A labourer is employed for 30 days only on the condition that he will receive Rs. 75 for each day he works and will be fined Rs. 5 for each day he is absent. If he receive Rs. 1610 in all, find the number of days he remained absent.
 (A) 7 (B) 9 (C) 8 (D) 6
- If L_1, L_2 & L_3 are parallel, then :



- (A) $a = 40^\circ, b = 60^\circ, c = 90^\circ$ (B) $a = 30^\circ, b = 40^\circ, c = 30^\circ$
 (C) $a = 40^\circ, b = 50^\circ, c = 20^\circ$ (D) $a = 30^\circ, b = 40^\circ, c = 20^\circ$
- In a quadrilateral ABCD, $\angle B = 90^\circ$ and $AD^2 = AB^2 + BC^2 + CD^2$ then $\angle ACD$ is equal to:
 (A) 60° (B) 30° (C) 90° (D) None of these
 - A four digit perfect square whose first two digits and last two digits taken separately are also perfect squares is:
 (A) 6481 (B) 4925 (C) 3625 (D) 1681
 - If $\sqrt{0.04 \times 0.4 \times a} = 0.4 \times 0.04 \times \sqrt{b}$, then value of $\frac{b}{a}$ is:
 (A) 0.016 (B) $\frac{125}{2}$ (C) 0.16 (D) None of these

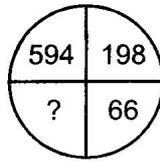
10. A square is converted to rectangle by increasing its length by 20% and decreasing its width by 20%. Which of the following statement is true?
 (A) Area of rectangle = area of square (B) Area of rectangle = 120% area of square
 (C) Area of rectangle = 96% area of square (D) Area of rectangle = 50% area of square
11. Of a certain sum, $\frac{1}{3}$ rd is invested at 3%, $\frac{1}{6}$ th at 6% and the rest at 8%. If the SI for 2 years from all these investments amounts to Rs. 600, then the original sum was:
 (A) Rs. 2000 (B) Rs. 3000 (C) Rs. 4000 (D) Rs. 5000
12. There were only two candidate in an election. One got 62% votes and was elected by a margin of 144 votes. The total number of votes cast were.....
 (A) 500 (B) 600 (C) 700 (D) 800
13. ABCD is a parallelogram. Find the angles x, y and z in the given figure.



- (A) $40^\circ, 50^\circ, 60^\circ$ (B) $60^\circ, 60^\circ, 60^\circ$ (C) $50^\circ, 50^\circ, 50^\circ$ (D) $60^\circ, 70^\circ, 70^\circ$
14. Find the value of $\sqrt{10 + \sqrt{25 + \sqrt{108 + \sqrt{154 + \sqrt{225}}}}} + \left(\sqrt{\frac{225}{729}} - \sqrt{\frac{25}{144}} \right) \div \sqrt{\frac{16}{81}}$
 (A) $\frac{69}{16}$ (B) $\frac{54}{7}$ (C) $\frac{31}{3}$ (D) $\frac{108}{13}$
15. A worker is paid Rs 139.20 for 3 days.
 (i) What will he get in the month of June (in Rs)?
 (ii) For how many days will he be working for Rs. 696?

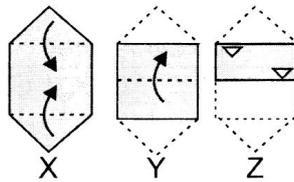
	(i)	(ii)
(A)	1392	15
(B)	15	1392
(C)	1382	20
(D)	1392	20
16. If '÷' stands for division, '×' stands for 'multiplication', '-' stands for subtraction' and '+' stands for addition', then which one of the following equation is CORRECT?
 (A) $6 + 20 - 12 \div 7 - 1 = 38$ (B) $6 - 3 \div 12 \times 7 + 1 = 57$
 (C) $6 + 20 - 12 \div 7 \times 1 = 62$ (D) $6 \div 20 \times 12 + 7 - 1 = 70$
17. Ritu and Priti starts walking from a fixed point. Ritu moves 5 km westward and turns left and then covers 6 km. Priti moves 7 km northward, turns left and walks 5 km. The distance between Ritu and Priti now is.
 (A) 10 km (B) 13 km (C) 8 km (D) 6 km

18. Find the missing number.



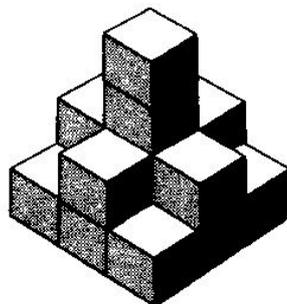
- (A) 11 (B) 12 (C) 22 (D) 33

19. There are three figures X, Y and Z showing a sequence of folding of a piece of paper. Figure (Z) shows the manner in which the folded paper has been cut. Select the figure from the options which would resemble the unfolded form of Figure (Z).



- (A) (B) (C) (D)

20. Count the number of cubes in the given symmetrical figure.



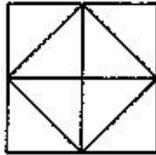
- (A) 14 (B) 16 (C) 18 (D) 22

21. If $\left(\frac{1}{16}\right)^{4-3x} \times 8^{x-2} = (0.25)^x$, then find the value of $\frac{17x}{22} + 1$.

- (A) 2 (B) $\frac{39}{22}$ (C) 1 (D) $\frac{22}{17}$

22. Given that the number 67y19 is divisible by 9, where y is a single digit, what is the least possible value of y?
 (A) 3 (B) 9 (C) 7 (D) 4

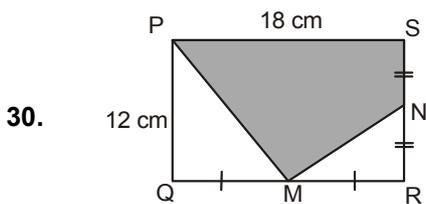
23. Which most closely resembles the mirror image of the given word. **STROKE**
 (A) ƆTƆRƆƎ (B) EKORTS (C) ROKETS (D) EKORTƆ
24. Count the number of triangles in the following figure.



- (A) 8 (B) 10 (C) 12 (D) 14
25. A duck flew at 18 km per hour for 3 hours, then at 15 km per hour for 2 hours. How far did the duck fly in all?
 (A) 69 km (B) 75 km (C) 81 km (D) 84 km
26. Cost of 3 cricket balls = cost of 2 pairs of leg pads.
 Cost of 3 pairs of leg pads = cost of 2 pairs of gloves.
 Cost of 3 pairs of gloves = cost of 2 cricket bats.
 If a cricket bat costs Rs 54, what is the cost of a cricket ball?
 (A) Rs. 12 (B) Rs. 14 (C) Rs. 16 (D) Rs. 18
27. If $168 \times 54 = 9072$, then $9072 \div 16.8$ is equal to:
 (A) 5.4 (B) .54 (C) .054 (D) .0054

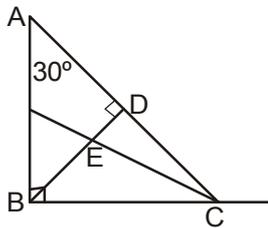
28. $\left(\frac{p^{a^4}}{p^{b^4}}\right)^{\frac{1}{a^2+b^2}} \times \left(\frac{p^{b^4}}{p^{c^4}}\right)^{\frac{1}{b^2+c^2}} \times \left(\frac{p^{c^4}}{p^{a^4}}\right)^{\frac{1}{c^2+a^2}}$ is equal to:
 (A) 1 (B) 2 (C) 3 (D) 4

29. If $5^x = 999$, then the value of 5^{x-3} is:
 (A) $\frac{999}{5}$ (B) $\frac{1000}{27}$ (C) $\frac{999}{125}$ (D) $\frac{1000}{125}$



- PQRS is a rectangle and M, N are midpoints of QR and RS respectively. Find the area of the shaded region.
 (A) 135 cm. (B) 145 cm. (C) 150 cm. (D) 152 cm.
31. The length of the circumference of a circle equals the perimeter of an equilateral triangle and also the perimeter of a square. The areas covered by the circle, triangle and square are c, t and s, respectively. Then.
 (A) $s > t > c$ (B) $c > t > s$ (C) $c > s > t$ (D) $s > c > t$

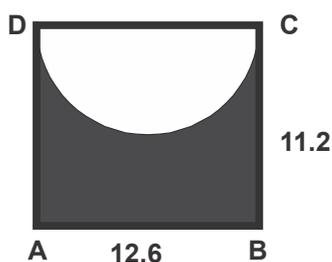
32. $AB \perp BC, BD \perp AC$ and CE bisects $\angle C, \angle A = 30^\circ$. Then, what is $\angle CED$?



- (A) 30° (B) 60° (C) 45° (D) 65°
33. P and Q are two integers such that $P \cdot Q = 64$. Which of the following cannot be the value of $P + Q$?
 (A) 20 (B) 65 (C) 16 (D) 35
34. Find the value of A,B and C respectively.

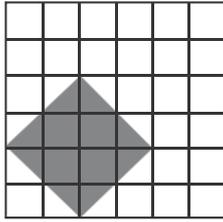
$$\begin{array}{r} A \ 8 \ 3 \\ \times C \ 9 \\ \hline A \ 0 \ 4 \ A \\ + 15 \ B \ B \ 0 \\ \hline C \ C \ A \ 0 \ A \end{array}$$

- (A) 2,6,7 (B) 6,7,2 (C) 7,5,2 (D) 7,6,2
35. If y is an integer, which of following must be an odd integer?
 (A) $52y^3 + 3$ (B) $3y$ (C) $y^3 + 3$ (D) $3y + 52$
36. The number of days left in the month of November are double of the number passed. How many days are left in the month?
 (A) 22 days (B) 18 days (C) 20 days (D) 24 days
37. If ABCD is a rectangle, find area of the shaded region (All dimensions are in m, and assume $\pi = 22/7$)



- (A) $74.75m^2$ (B) $76.75m^2$ (C) $78.75m^2$ (D) $81.75m^2$
38. If radius of a wheel of a bike is 39.9 cm. If wheel makes 4000 rotation in one minute, how far will bike travel in 80 minutes? (assume $\pi = 22/7$)
 (A) 802.56 km (B) 642.04 km (C) 882.82 km (D) 722.3 km

39. Find the area of shaded part (area of each small square is 1 cm²).



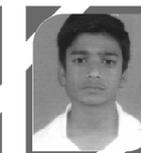
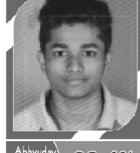
40. _____ % of 260 + 50% of 440 = 324. Find the missing number.
- (A) 7.5 cm² (B) 8 cm² (C) 8.5 cm² (D) 9 cm²
 (A) 60 (B) 40 (C) 50 (D) 45

Our Glorious Results of HYBRID Programme



64	802	53	72	90	14
Selection in JEE Advanced	Selection in JEE Main	Selection in Different Medical Entrance Examination	Selection in NTSE Scholarship Examination	Selection in OLYMPIAD Scholarship Examination	Selection in KVPY Scholarship Examination

CBSE 10th Board Results 2019

 Shijin Kumar 97.4%	 Aparna Pandey 97%	 Aaditya Pandey 96.2%	 Utkarsh Prakash 96.2%	 Arshita Singh Y. 96%	 Ashmit Kumar 95.8%	 Akshay K. Tiwari 95.6%	 Utkarsh Singh 95.2%
 Asita Shahi 95%	 Utkarsh Sharma 95%	 Avinash Mishra 95%	 Sheshank Dwivedi 94.8%	 Shourya Pr. Singh 94.8%	 Kartikyan Kumar 94.6%	 Ayushi Mishra 94.4%	 Sanchit Rai 94.4%
 Anika Tripathi 94.2%	 Aditya Yadav 94%	 Shashwat Singh 94%	 Sakshi Pandey 93.6%	 Priyanshi Yadav 93.4%	 Alok Ranjan 92.8%	 Khushi Tiwari 92.8%	 Tarun Yadav 92.6%
 Abhinav Singh 92.4%	 Utkarsh Rao 92.4%	 Divyansh Rai 92.2%	 Akhand Pr. Singh 92%	 Navneet R. Gupta 92%	 Om Mishra 92%	 Paikhee Tripathi 92%	 Prarthana Gupta 91.8%