

7. Which of the following options is CORRECT?
 a) 8th multiple of greatest one-digit number is 63.
 b) Largest multiple of a number is the number itself.
 c) The common factors of 17 and 51 is 1.
 d) None of these

8. James is standing in a single straight row. If he is the 30th person when counting from the left side and the 17th person when counting from the right side, how many total people are standing in that row?



- a) 47 b) 46 c) 45 d) 48

9. A large soda bottle has a capacity of **2 litres**. Four friends drink **350 ml** of soda each. How much soda is left remaining inside the bottle?

- a) 600 ml
 b) 1400 ml
 c) 800 ml
 d) 750 ml



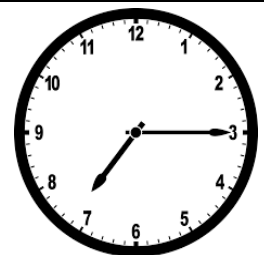
10. If $\square + \square + \square + \square + \square = 125$ and $\square - 4 \star = \star$,
 then find the value of $\star + \star + \square + \square$.

- a) 25
 b) 45
 c) 60
 d) 50

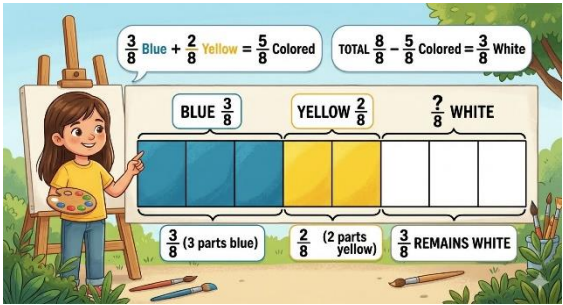





MATHEMATICAL REASONING

11. 12 noon is also written as _____.
 a) 0012 hours b) 0000 hours c) 1200 hours d) None of these

12. How much more minutes are required to get 8'o clock?
 a) 15 minutes
 b) 45 minutes
 c) 10 minutes
 d) 60 minutes



13. What is the difference between the Roman numerals **CLV** and **XCVI**?
 a) LIX b) LXI c) XLIX d) XLI

<p>14.</p>	<p>Samanth colored $\frac{3}{8}$ of a canvas strip blue and $\frac{2}{8}$ of it yellow. What fraction of the canvas strip remains white?</p> <p>a) $\frac{3}{8}$ b) $\frac{5}{8}$ c) $\frac{4}{8}$ d) $\frac{1}{8}$</p> 
<p>15.</p>	<p>How many minutes were there in the month of February 2024? [Note: Year 2024 was a leap year]</p> <p>a) $28 \times 24 \times 60$ b) $30 \times 24 \times 60$ c) $31 \times 24 \times 60$ d) $29 \times 24 \times 60$</p>
<p>16.</p>	<p>Mohan father needs to pay ₹ 4500 for Mohan quarterly school fees. He has the following amount with him. How much more amount father needs so that he can pay ₹. 4500 as quarterly fees?</p> <ul style="list-style-type: none"> • 2 note of ₹ 1000 • 3 notes of ₹ 500 • 5 note of ₹ 100 • 2 notes of ₹ 50 <p>a) ₹ 150 b) ₹ 590 c) ₹ 400 d) ₹ 190</p>
<p>17.</p>	<p>$5700 + \underline{\hspace{2cm}}$ tens = 10,000.</p> <p>a) 460 b) 530 c) 430 d) 150</p>
<p>18.</p>	<p>Mohit went for swimming at 2:30 p.m. and returned back home $2\frac{1}{2}$ hours later. The time he came back home is _____.</p> <p>a)  b)  c)  d) </p>
<p>19.</p>	<p>Thrice of 73 – twice of 73</p> <p>a) 30 b) 73 c) 11 d) 66</p>
<p>20.</p>	<p>A square playground has a side length of 15 metres. A rectangular path running next to it is 20 metres long and has the exact same perimeter as the square playground. What is the width of this rectangular path?</p> 
<p>a) 15m b) 5m c) 10m d) 25m</p>	

EVERYDAY MATHEMATICS

21. Riya went to a stationery shop with a ₹500 note. She bought 3 notebooks for ₹65 each and 2 gel pens for ₹25 each. How much change should she get back from the shopkeeper?

a) ₹315 b) ₹245 c) ₹255 d) ₹185

22. A bakery made 4,386 cupcakes in a week. What is this number rounded off to the nearest ten?

a) 4380 b) 4390 c) 4300 d) 4400

23. Mr. Sharma invited 276015 guests in his daughter's marriage. Which of the following option shows the correct number name for number of guests invited by him?

a) Two lakh seventy- six thousand nine hundred and five
 b) Two lakh seventy- six thousand and fifteen
 c) Twenty- seven lakh six thousand ninety- five
 d) Twenty- seven lakh six thousand nine hundred and five

24. Aman is XXI years old. Raghav is XV years older than Aman. The sum of their ages (in years) is _.

a) 57 b) 52 c) 38 d) 29

25. Aarav runs around a rectangular park that is 80 metres long and 50 metres wide. If he completes exactly 3 full rounds of the park every morning, what is the total distance he runs daily?

a) 390 m b) 260 m c) 780 m d) 520 m

26. A teacher brings a bag of crayons to distribute to her class of 40 children. If she plans to give 1 set of 8 crayons to each child and have no extra crayons in the bag, then how many crayons should be there in the bag?

a) 48 b) 320 c) 45 d) 49

27. Look at the stars below. How many of the given stars show a **common multiple of 4 and 6**?

a) 2
 b) 3
 c) 4
 d) 5

28. Varun made a shape by folding the given cardboard along the dotted lines.

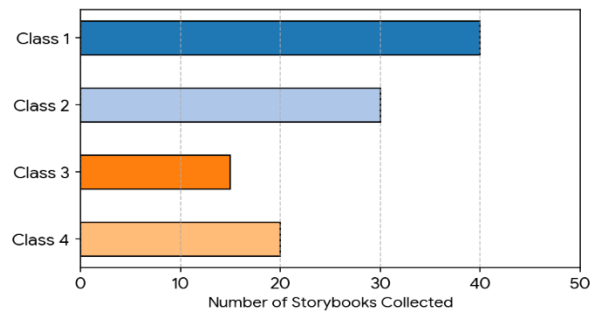
Which shape did Varun make?

a) b) c) d)

<p>29.</p>	<p>Pooja went to a movie with her friend. She bought two movie tickets for ₹250 each, 2 cold drinks for 20 each and 2 packets of popcorn. What information is needed to find the total amount spent by her?</p> <p>a) The number of people in the movie b) The name of the movie c) Cost of a cold drink d) Cost of a packet of popcorn</p>
<p>30.</p>	<p>Sara's user ID is a 5-digit number. The 9 is in the ten thousand place, 0 is in the ones place, 8 is in the thousands place, 4 is in the tens place and 2 is in the hundreds place. What is Sara's user ID number?</p> <p>a) 90, 842 b) 98, 240 c) 89, 204 d) 98, 420</p>

ACHEIVER'S SECTION

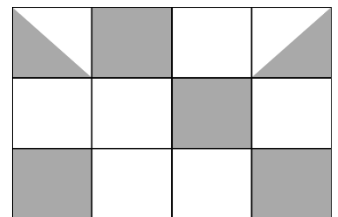
<p>31.</p>	<p>Four classes collected storybooks for a school library drive. The bar graph below shows the total number of books collected by each class group. What can we conclude from the given graph?</p> <p>a) Class 3 collected half the number of books that Class 1 collected. b) Class 4 collected 10 fewer books than Class 2. c) Two classes collected more than 35 books. d) Class 2 collected three times as many books as Class 3.</p>
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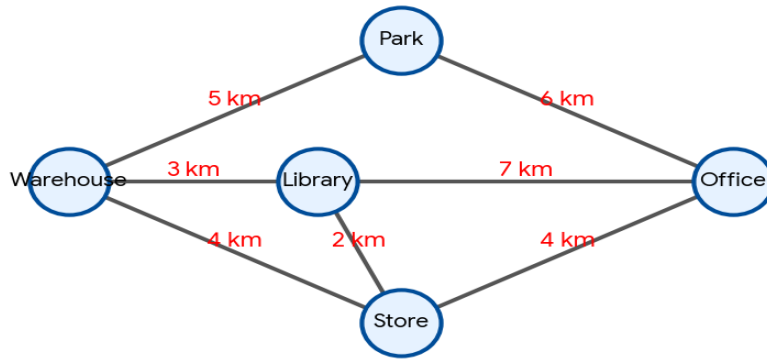
<p>32.</p>	<p>Which of these computations would solve the following problem? 126 candies were shared equally among 6 children.</p> <p>a) 126×6 b) $126 \div 6$ c) $126 + 6$ d) $126 - 6$</p>
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<p>33.</p>	<p>Read the given statements carefully and state T for true and F for false.</p> <p>P. The number of letters having perpendicular lines in the given word is 4</p> <p style="text-align: center; font-size: 2em; color: purple;">TREAT</p> <p>Q. The number of lines of symmetry in a square is 4.</p> <p>R. An isosceles triangle does not have any line of symmetry.</p> <table style="margin-left: 20px;"> <tr> <td>P</td> <td>Q</td> <td>R</td> </tr> <tr> <td>(A) F</td> <td>F</td> <td>T</td> </tr> <tr> <td>(B) T</td> <td>F</td> <td>F</td> </tr> <tr> <td>(C) F</td> <td>T</td> <td>T</td> </tr> <tr> <td>(D) T</td> <td>T</td> <td>F</td> </tr> </table>	P	Q	R	(A) F	F	T	(B) T	F	F	(C) F	T	T	(D) T	T	F
P	Q	R														
(A) F	F	T														
(B) T	F	F														
(C) F	T	T														
(D) T	T	F														

<p>34.</p>	<p>What fraction of the total rectangular grid area is shaded grey?</p> <p>a) $\frac{1}{8}$ b) $\frac{5}{12}$ c) $\frac{3}{8}$ d) $\frac{7}{12}$</p>
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35. Rohan needs to deliver a parcel starting from the **Warehouse** and ending at the **Office**. Use the route map below to determine the path with the **shortest total distance**.



- a) Warehouse → Park → Office
 b) Warehouse → Library → Office
 c) Warehouse → Library → Store → Office
 d) Warehouse → Store → Office

ANSWER KEY

Question No.	Answer	Question No.	Answer	Question No.	Answer	Question No.	Answer
1	B	11	C	21	C	31	B
2	B	12	B	22	B	32	B
3	B	13	A	23	B	33	D
4	B	14	A	24	A	34	B
5	C	15	D	25	C	35	D
6	D	16	C	26	B		
7	D	17	C	27	C		
8	B	18	D	28	C		
9	A	19	B	29	D		
10	C	20	C	30	B		