**General Aptitude: -**

**General Aptitude** refers to a person's ability to perform tasks and solve problems effectively in various situations. It generally includes a range of skills and capabilities that determine a person's potential to perform well in various tasks, particularly those requiring logical reasoning, critical thinking, and the ability to understand and apply knowledge in a practical manner.

General aptitude typically includes the following areas:

1. **Logical Reasoning:**  
   The ability to analyze situations, identify patterns, and draw conclusions. Logical reasoning tests often involve puzzles, syllogisms, analogies, and logical deductions.
2. **Mathematical Aptitude:**  
   This refers to the ability to solve quantitative problems, often involving arithmetic, algebra, geometry, and basic number theory. It tests your ability to work with numbers, percentages, ratios, and mathematical operations.
3. **Verbal Ability:**  
   This area tests your understanding of the English language, including grammar, vocabulary, reading comprehension, and verbal reasoning. It may involve interpreting passages, identifying errors, and understanding the meaning of words in context.
4. **Analytical Reasoning:**  
   Analytical aptitude assesses your ability to solve complex problems using logical steps. This includes understanding relationships between different sets of information, recognizing patterns, and using deductive reasoning.
5. **Data Interpretation:**  
   Involves interpreting numerical data, such as charts, graphs, and tables, to draw meaningful conclusions. It's an essential skill for understanding and analyzing quantitative information.
6. **Decision-Making and Problem Solving:**  
   General aptitude also tests how well you can make decisions based on available information and solve problems in a time-efficient manner.
7. **Speed and Accuracy:**  
   Many general aptitude tests are timed, which means you also need to be quick while maintaining accuracy in solving problems.

**Importance of General Aptitude:**

* **Exams:** It is widely used in competitive exams like UPSC, GRE, GMAT, SSC, Bank Exams, etc.
* **Job Placements:** Many companies assess general aptitude as part of their hiring process to determine if the candidate is suitable for the role.
* **Career Development:** Aptitude plays a crucial role in career growth, helping individuals adapt to new challenges, acquire new skills, and make sound decisions.

**Examples of General Aptitude Tests:**

* **Logical Reasoning Questions** (e.g., puzzles, series completion)
* **Quantitative Aptitude Questions** (e.g., simple and compound interest, speed and distance, profit and loss)
* **Verbal Reasoning** (e.g., analogies, sentence completion, reading comprehension)
* **Data Interpretation** (e.g., bar charts, line graphs, tables)

**General Aptitude Questions (1–50)**

**1. If a car travels 240 km in 3 hours, what is its average speed?**

**A. 60 km/h**  
**B. 70 km/h**  
**C. 80 km/h**  
**D. 90 km/h**  
**Answer:** **A. 60 km/h**  
**Explanation:**  
Average Speed = Total Distance ÷ Total Time  
= 240 km ÷ 3 hours = 60 km/h.

**2. What is the value of 8 × 6?**

**A. 42**  
**B. 48**  
**C. 54**  
**D. 60**  
**Answer:** **B. 48**  
**Explanation:**  
8 × 6 = 48.

**3. If a train runs 200 meters in 20 seconds, what is its speed in km/h?**

**A. 18 km/h**  
**B. 36 km/h**  
**C. 54 km/h**  
**D. 72 km/h**  
**Answer:** **B. 36 km/h**  
**Explanation:**  
Speed = Distance ÷ Time  
= 200 meters ÷ 20 seconds = 10 meters per second.  
To convert to km/h: 10 × 18 = 180 km/h.  
Answer should be **36 km/h**.

**4. What is the value of 15 + 9 × 2?**

**A. 39**  
**B. 33**  
**C. 29**  
**D. 24**  
**Answer:** **B. 33**  
**Explanation:**  
According to the order of operations (BIDMAS), first multiply 9 × 2 = 18, then add 15.  
15 + 18 = 33.

**5. A person walks at 5 km/h for 4 hours. How much distance does he cover?**

**A. 10 km**  
**B. 15 km**  
**C. 20 km**  
**D. 25 km**  
**Answer:** **C. 20 km**  
**Explanation:**  
Distance = Speed × Time  
= 5 km/h × 4 hours = 20 km.

**6. If the sum of two numbers is 30 and their difference is 10, what are the two numbers?**

**A. 15 and 10**  
**B. 20 and 10**  
**C. 25 and 5**  
**D. 20 and 10**  
**Answer:** **B. 20 and 10**  
**Explanation:**  
Let the two numbers be x and y.  
We know:  
x + y = 30 (Sum)  
x - y = 10 (Difference)  
Solving these two equations:  
Add them together:  
2x = 40, so x = 20.  
Substitute x = 20 into x + y = 30:  
20 + y = 30, so y = 10.

**7. What is the next number in the series: 2, 5, 8, 11, \_\_?**

**A. 13**  
**B. 14**  
**C. 15**  
**D. 16**  
**Answer:** **A. 13**  
**Explanation:**  
The pattern increases by 3 (2 + 3 = 5, 5 + 3 = 8, 8 + 3 = 11).  
So, the next number is 11 + 3 = 13.

**8. If the cost price of an item is ₹100 and the selling price is ₹120, what is the profit percentage?**

**A. 15%**  
**B. 20%**  
**C. 10%**  
**D. 25%**  
**Answer:** **B. 20%**  
**Explanation:**  
Profit = Selling Price - Cost Price = ₹120 - ₹100 = ₹20.  
Profit Percentage = (Profit ÷ Cost Price) × 100 = (20 ÷ 100) × 100 = 20%.

**9. Which of the following is the smallest prime number?**

**A. 1**  
**B. 2**  
**C. 3**  
**D. 5**  
**Answer:** **B. 2**  
**Explanation:**  
2 is the smallest prime number, as it is divisible only by 1 and itself.

**10. What is the area of a rectangle with length 12 cm and width 5 cm?**

**A. 60 cm²**  
**B. 50 cm²**  
**C. 40 cm²**  
**D. 30 cm²**  
**Answer:** **A. 60 cm²**  
**Explanation:**  
Area of rectangle = Length × Width = 12 cm × 5 cm = 60 cm².

**11. If a box contains 5 red balls and 3 green balls, what is the probability of picking a red ball?**

**A. 3/8**  
**B. 5/8**  
**C. 1/2**  
**D. 2/3**  
**Answer:** **B. 5/8**  
**Explanation:**  
Total balls = 5 + 3 = 8.  
Probability of picking a red ball = Number of red balls ÷ Total number of balls = 5 ÷ 8 = 5/8.

**12. A bag contains 3 red balls, 4 blue balls, and 5 yellow balls. What is the probability of drawing a blue ball?**

**A. 4/12**  
**B. 4/5**  
**C. 5/12**  
**D. 3/12**  
**Answer:** **A. 4/12**  
**Explanation:**  
Total number of balls = 3 + 4 + 5 = 12.  
Probability of drawing a blue ball = Number of blue balls ÷ Total number of balls = 4 ÷ 12 = 4/12.

**13. The ratio of the ages of A and B is 4:5. If A's age is 20 years, what is B's age?**

**A. 24 years**  
**B. 25 years**  
**C. 30 years**  
**D. 32 years**  
**Answer:** **B. 25 years**  
**Explanation:**  
Let the age of B be 5x and A's age be 4x.  
We are given that A's age is 20 years, so 4x = 20.  
Solving for x:  
x = 20 ÷ 4 = 5.  
Therefore, B's age = 5x = 5 × 5 = 25 years.

**14. If a person buys 5 pens for ₹40, what is the cost of 7 pens?**

**A. ₹50**  
**B. ₹55**  
**C. ₹60**  
**D. ₹70**  
**Answer:** **C. ₹56**  
**Explanation:**  
Cost of 1 pen = ₹40 ÷ 5 = ₹8.  
Cost of 7 pens = 7 × ₹8 = ₹56.

**15. In a clock, the angle between the hour hand and minute hand at 3:00 is:**

**A. 0°**  
**B. 15°**  
**C. 30°**  
**D. 90°**  
**Answer:** **D. 90°**  
**Explanation:**  
At 3:00, the hour hand is at the 3, and the minute hand is at the 12. The angle between them is 90°.

**16. The perimeter of a square is 40 cm. What is the length of one side of the square?**

**A. 10 cm**  
**B. 15 cm**  
**C. 20 cm**  
**D. 25 cm**  
**Answer:** **A. 10 cm**  
**Explanation:**  
Perimeter of a square = 4 × side.  
4 × side = 40 cm, so side = 40 ÷ 4 = 10 cm.

**17. What is the area of a circle with a radius of 7 cm? (Use π = 22/7)**

**A. 154 cm²**  
**B. 49 cm²**  
**C. 100 cm²**  
**D. 77 cm²**  
**Answer:** **B. 49 cm²**  
**Explanation:**  
Area of a circle = πr² = (22/7) × (7 × 7) = 49 cm².

**18. What is the simple interest on ₹500 for 2 years at the rate of 5% per annum?**

**A. ₹50**  
**B. ₹100**  
**C. ₹75**  
**D. ₹125**  
**Answer:** **B. ₹50**  
**Explanation:**  
Simple Interest = (Principal × Rate × Time) ÷ 100  
= (500 × 5 × 2) ÷ 100 = ₹50.

**19. The perimeter of a rectangle is 50 cm. If the length is 15 cm, what is the width?**

**A. 10 cm**  
**B. 12 cm**  
**C. 14 cm**  
**D. 16 cm**  
**Answer:** **A. 10 cm**  
**Explanation:**  
Perimeter of rectangle = 2 × (Length + Width)  
50 = 2 × (15 + Width),  
Width = (50 ÷ 2) - 15 = 25 - 15 = 10 cm.

**20. What is the next number in the series: 5, 10, 20, 40, \_\_?**

**A. 50**  
**B. 60**  
**C. 80**  
**D. 100**  
**Answer:** **C. 80**  
**Explanation:**  
The series is doubling each time (5 × 2 = 10, 10 × 2 = 20, 20 × 2 = 40).  
So, the next number is 40 × 2 = 80.

Would you like to continue with the next set?

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**You said:**

yes

**ChatGPT said:**

Here are the next set of **General Aptitude Questions (21–50)** with answers and explanations:

**21. What is the value of 18 ÷ 3 + 2 × 5?**

**A. 6**  
**B. 10**  
**C. 12**  
**D. 16**  
**Answer:** **C. 12**  
**Explanation:**  
According to the order of operations (BIDMAS), first divide 18 ÷ 3 = 6, then multiply 2 × 5 = 10.  
Finally, add 6 + 10 = 12.

**22. The sum of the ages of A and B is 60 years. If A is 10 years older than B, what are their ages?**

**A. 25 and 35 years**  
**B. 30 and 40 years**  
**C. 35 and 25 years**  
**D. 40 and 20 years**  
**Answer:** **A. 25 and 35 years**  
**Explanation:**  
Let the age of B be x. Then, A’s age is x + 10.  
So, x + (x + 10) = 60,  
2x + 10 = 60,  
2x = 50,  
x = 25.  
So, B is 25 years old, and A is 25 + 10 = 35 years old.

**23. A sum of money grows at the rate of 5% per annum. If the principal is ₹2000, what will be the amount after 3 years?**

**A. ₹2300**  
**B. ₹2400**  
**C. ₹2500**  
**D. ₹2600**  
**Answer:** **B. ₹2400**  
**Explanation:**

Amount = Principal × (1 + Rate/100) ^ Time  
= 2000 × (1 + 5/100) ^ 3  
= 2000 × (1.05) ^ 3 = 2000 × 1.157625 = ₹2400.

**24. What is the next number in the series: 1, 4, 9, 16, \_\_?**

**A. 20**  
**B. 25**  
**C. 30**  
**D. 35**  
**Answer:** **B. 25**  
**Explanation:**  
The series consists of perfect squares:  
1² = 1, 2² = 4, 3² = 9, 4² = 16.  
The next square is 5² = 25.

**25. The length of a rectangle is 12 cm and the width is 7 cm. What is its area?**

**A. 84 cm²**  
**B. 76 cm²**  
**C. 90 cm²**  
**D. 92 cm²**  
**Answer:** **A. 84 cm²**  
**Explanation:**  
Area = Length × Width = 12 cm × 7 cm = 84 cm².

**26. If a discount of 20% is given on a price of ₹500, what is the selling price?**

**A. ₹400**  
**B. ₹420**  
**C. ₹450**  
**D. ₹480**  
**Answer:** **A. ₹400**  
**Explanation:**  
Discount = 20% of ₹500 = (20/100) × 500 = ₹100.  
Selling Price = ₹500 - ₹100 = ₹400.

**27. If the cost price of an item is ₹400 and the selling price is ₹320, what is the loss percentage?**

**A. 20%**  
**B. 25%**  
**C. 30%**  
**D. 35%**  
**Answer:** **A. 20%**  
**Explanation:**  
Loss = Cost Price - Selling Price = ₹400 - ₹320 = ₹80.  
Loss Percentage = (Loss ÷ Cost Price) × 100 = (80 ÷ 400) × 100 = 20%.

**28. What is the area of a triangle with base 10 cm and height 12 cm?**

**A. 60 cm²**  
**B. 70 cm²**  
**C. 80 cm²**  
**D. 90 cm²**  
**Answer:** **A. 60 cm²**  
**Explanation:**  
Area of triangle = (1/2) × base × height = (1/2) × 10 cm × 12 cm = 60 cm².

**29. If the ratio of two numbers is 3:5, and their sum is 40, what is the larger number?**

**A. 24**  
**B. 25**  
**C. 26**  
**D. 27**  
**Answer:** **B. 25**  
**Explanation:**  
Let the two numbers be 3x and 5x.  
So, 3x + 5x = 40,  
8x = 40,  
x = 5.  
The larger number = 5x = 5 × 5 = 25.

**30. If 2x + 3 = 11, what is the value of x?**

**A. 4**  
**B. 3**  
**C. 2**  
**D. 1**  
**Answer:** **B. 4**  
**Explanation:**  
2x + 3 = 11,  
2x = 11 - 3 = 8,  
x = 8 ÷ 2 = 4.

**31. A train is moving at a speed of 72 km/h. What is its speed in meters per second?**

**A. 15 m/s**  
**B. 20 m/s**  
**C. 25 m/s**  
**D. 30 m/s**  
**Answer:** **B. 20 m/s**  
**Explanation:**  
1 km/h = 5/18 m/s,  
So, 72 km/h = 72 × (5/18) = 20 m/s.

**32. What is the least common multiple (LCM) of 12 and 18?**

**A. 36**  
**B. 72**  
**C. 54**  
**D. 24**  
**Answer:** **A. 36**  
**Explanation:**  
LCM of 12 and 18 is 36, which is the smallest number that both 12 and 18 divide evenly into.

**33. What is the value of 25% of 200?**

**A. 30**  
**B. 40**  
**C. 50**  
**D. 60**  
**Answer:** **C. 50**  
**Explanation:**  
25% of 200 = (25/100) × 200 = 50.

**34. A person sells a watch for ₹500, making a profit of 25%. What was the cost price of the watch?**

**A. ₹375**  
**B. ₹400**  
**C. ₹450**  
**D. ₹450**  
**Answer:** **B. ₹400**  
**Explanation:**  
Let the cost price be x.  
Selling Price = Cost Price + Profit  
₹500 = x + 25% of x  
₹500 = x + (25/100) × x  
₹500 = x + x/4  
Multiply by 4:  
2000 = 5x  
x = ₹400.

**35. The perimeter of a square is 36 cm. What is the length of one side?**

**A. 8 cm**  
**B. 9 cm**  
**C. 10 cm**  
**D. 12 cm**  
**Answer:** **B. 9 cm**  
**Explanation:**  
Perimeter of square = 4 × side,  
36 = 4 × side,  
side = 36 ÷ 4 = 9 cm.

**36. What is the probability of drawing a card that is a queen from a standard deck of cards?**

**A. 1/13**  
**B. 1/52**  
**C. 1/26**  
**D. 1/4**  
**Answer:** **A. 1/13**  
**Explanation:**  
A standard deck has 52 cards, and there are 4 queens.  
Probability = Number of favorable outcomes ÷ Total outcomes = 4/52 = 1/13.

**37. Which of the following is the greatest common divisor (GCD) of 24 and 36?**

**A. 6**  
**B. 12**  
**C. 18**  
**D. 24**  
**Answer:** **B. 12**  
**Explanation:**  
The common divisors of 24 and 36 are 1, 2, 3, 4, 6, 12. The greatest of these is 12.

**38. A man spends 25% of his salary on rent and 30% on groceries. What percentage of his salary does he save?**

**A. 45%**  
**B. 40%**  
**C. 50%**  
**D. 55%**  
**Answer:** **D. 45%**  
**Explanation:**  
Total expenses = 25% + 30% = 55%.  
So, savings = 100% - 55% = 45%.

**39. The area of a square is 64 cm². What is the length of its side?**

**A. 8 cm**  
**B. 6 cm**  
**C. 10 cm**  
**D. 12 cm**  
**Answer:** **A. 8 cm**  
**Explanation:**  
Area of square = side²,  
side = √64 = 8 cm.

**40. What is the result of 30% of 200 + 20% of 150?**

**A. 90**  
**B. 95**  
**C. 100**  
**D. 105**  
**Answer:** **C. 100**  
**Explanation:**  
30% of 200 = 0.30 × 200 = 60,  
20% of 150 = 0.20 × 150 = 30,  
So, the total = 60 + 30 = 90.

Would you like to continue with the next set?

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**You said:**

yes

**ChatGPT said:**

Here is the next set of **General Aptitude Questions (41–60)** with answers and explanations:

**41. If 5 workers can complete a task in 15 days, how many days will it take for 10 workers to complete the same task?**

**A. 7.5 days**  
**B. 10 days**  
**C. 15 days**  
**D. 30 days**  
**Answer:** **A. 7.5 days**  
**Explanation:**  
The total work is constant. If the number of workers doubles, the time taken to complete the task is halved.  
So, 5 workers take 15 days, and 10 workers will take 15 ÷ 2 = 7.5 days.

**42. What is the square root of 144?**

**A. 10**  
**B. 12**  
**C. 14**  
**D. 16**  
**Answer:** **B. 12**  
**Explanation:**  
The square root of 144 is 12 because 12 × 12 = 144.

**43. If a car travels 120 km in 2 hours, what is its average speed?**

**A. 60 km/h**  
**B. 70 km/h**  
**C. 80 km/h**  
**D. 90 km/h**  
**Answer:** **A. 60 km/h**  
**Explanation:**  
Average Speed = Total Distance ÷ Total Time = 120 km ÷ 2 hours = 60 km/h.

**44. A man buys 3 books for ₹180. What is the cost of one book?**

**A. ₹50**  
**B. ₹60**  
**C. ₹55**  
**D. ₹65**  
**Answer:** **B. ₹60**  
**Explanation:**  
Cost of one book = Total cost ÷ Number of books = ₹180 ÷ 3 = ₹60.

**45. What is the perimeter of a rectangle with length 15 cm and width 10 cm?**

**A. 30 cm**  
**B. 50 cm**  
**C. 60 cm**  
**D. 40 cm**  
**Answer:** **B. 50 cm**  
**Explanation:**  
Perimeter = 2 × (Length + Width) = 2 × (15 + 10) = 2 × 25 = 50 cm.

**46. What is the next number in the series: 2, 6, 12, 20, \_\_?**

**A. 28**  
**B. 30**  
**C. 32**  
**D. 34**  
**Answer:** **A. 28**  
**Explanation:**  
The difference between consecutive numbers is increasing by 2 each time:  
6 − 2 = 4,  
12 − 6 = 6,  
20 − 12 = 8,  
The next difference will be 10,  
So, 20 + 10 = 28.

**47. A shopkeeper marks the price of a shirt at ₹500 and gives a 20% discount. What is the selling price of the shirt?**

**A. ₹400**  
**B. ₹450**  
**C. ₹375**  
**D. ₹425**  
**Answer:** **A. ₹400**  
**Explanation:**  
Discount = 20% of ₹500 = (20/100) × 500 = ₹100.  
Selling Price = ₹500 − ₹100 = ₹400.

**48. A train moves at a speed of 60 km/h. How long will it take to cover a distance of 180 km?**

**A. 2 hours**  
**B. 3 hours**  
**C. 4 hours**  
**D. 5 hours**  
**Answer:** **B. 3 hours**  
**Explanation:**  
Time = Distance ÷ Speed = 180 km ÷ 60 km/h = 3 hours.

**49. A man invests ₹10,000 at an interest rate of 8% per annum. How much interest will he earn in 3 years?**

**A. ₹2400**  
**B. ₹2500**  
**C. ₹2600**  
**D. ₹2700**  
**Answer:** **A. ₹2400**  
**Explanation:**  
Simple Interest = (Principal × Rate × Time) / 100  
= (10,000 × 8 × 3) / 100  
= ₹2400.

**50. What is the area of a circle with radius 7 cm? (Use π = 22/7)**

**A. 154 cm²**  
**B. 148 cm²**  
**C. 153 cm²**  
**D. 140 cm²**  
**Answer:** **A. 154 cm²**  
**Explanation:**  
Area = π × radius² = (22/7) × 7² = (22/7) × 49 = 154 cm².

Would you like to continue with the next set of questions?

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**You said:**

yes

**ChatGPT said:**

Here is the next set of **General Aptitude Questions (51–60)** with answers and explanations:

**51. If the cost of 7 pens is ₹35, what is the cost of 10 pens?**

**A. ₹45**  
**B. ₹50**  
**C. ₹55**  
**D. ₹60**  
**Answer:** **B. ₹50**  
**Explanation:**  
Cost of one pen = ₹35 ÷ 7 = ₹5.  
Cost of 10 pens = 10 × ₹5 = ₹50.

**52. A clock shows 6:00 AM. What is the angle between the hour hand and minute hand?**

**A. 0 degrees**  
**B. 90 degrees**  
**C. 180 degrees**  
**D. 360 degrees**  
**Answer:** **C. 180 degrees**  
**Explanation:**  
At 6:00 AM, the minute hand is at 12, and the hour hand is at 6. The angle between them is 180 degrees.

**53. The ratio of the ages of two persons is 4:5. If the sum of their ages is 72 years, what is the age of the younger person?**

**A. 28 years**  
**B. 30 years**  
**C. 32 years**  
**D. 34 years**  
**Answer:** **A. 28 years**  
**Explanation:**  
Let the ages of the persons be 4x and 5x.  
4x + 5x = 72  
9x = 72  
x = 8.  
So, the age of the younger person = 4x = 4 × 8 = 32 years.

**54. A shopkeeper sold an item for ₹120 and made a profit of 20%. What was the cost price of the item?**

**A. ₹100**  
**B. ₹105**  
**C. ₹110**  
**D. ₹115**  
**Answer:** **A. ₹100**  
**Explanation:**  
Let the cost price be x.  
Selling Price = Cost Price + Profit = x + 20% of x  
120 = x + 0.2x  
120 = 1.2x  
x = 120 ÷ 1.2 = ₹100.

**55. If the perimeter of a square is 48 cm, what is the length of each side?**

**A. 10 cm**  
**B. 12 cm**  
**C. 14 cm**  
**D. 16 cm**  
**Answer:** **B. 12 cm**  
**Explanation:**  
Perimeter of a square = 4 × side.  
48 = 4 × side  
side = 48 ÷ 4 = 12 cm.

**56. What is the value of (5 × 5) + (8 × 8)?**

**A. 64**  
**B. 70**  
**C. 74**  
**D. 90**  
**Answer:** **C. 74**  
**Explanation:**  
(5 × 5) + (8 × 8) = 25 + 64 = 74.

**57. In a group of 30 students, 12 are girls. What is the percentage of girls in the group?**

**A. 30%**  
**B. 35%**  
**C. 40%**  
**D. 50%**  
**Answer:** **C. 40%**  
**Explanation:**  
Percentage of girls = (Number of girls ÷ Total number of students) × 100  
= (12 ÷ 30) × 100 = 40%.

**58. A box contains 3 red balls, 5 green balls, and 7 blue balls. What is the probability of drawing a green ball?**

**A. 1/3**  
**B. 1/5**  
**C. 1/4**  
**D. 5/15**  
**Answer:** **D. 5/15**  
**Explanation:**  
Total number of balls = 3 + 5 + 7 = 15.  
Probability of drawing a green ball = Number of green balls ÷ Total number of balls  
= 5 ÷ 15 = 5/15.

**59. If a person walks 5 km towards the east, then turns left and walks 3 km. In which direction is he now?**

**A. North**  
**B. South**  
**C. East**  
**D. West**  
**Answer:** **B. South**  
**Explanation:**  
After walking 5 km east, turning left would make him walk south. Hence, he is now in the south direction.

**60. What is the LCM of 6 and 8?**

**A. 12**  
**B. 24**  
**C. 36**  
**D. 48**  
**Answer:** **B. 24**  
**Explanation:**  
The LCM of 6 and 8 is 24 because 24 is the smallest number that both 6 and 8 divide into.

Would you like to continue with the next set of questions?

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**You said:**

yes

**ChatGPT said:**

Here is the next set of **General Aptitude Questions (61–80)** with answers and explanations:

**61. A sum of money amounts to ₹7200 in 2 years at 5% simple interest. What will be the amount after 4 years?**

**A. ₹7600**  
**B. ₹8000**  
**C. ₹8200**  
**D. ₹8400**  
**Answer:** **B. ₹8000**  
**Explanation:**  
Simple Interest for 2 years = ₹7200 − Principal.  
Let the principal be x.  
Interest = 5% of x × 2 years = (5/100) × x × 2 = 0.1x.  
From ₹7200, we get the equation:  
x + 0.1x = ₹7200  
1.1x = ₹7200  
x = ₹7200 ÷ 1.1 = ₹6545.45.  
After 4 years, the amount = Principal + Interest for 4 years = ₹6545.45 + (0.1 × ₹6545.45 × 4) = ₹8000.

**62. The area of a rectangle is 180 cm². If the length is 15 cm, what is the width of the rectangle?**

**A. 10 cm**  
**B. 12 cm**  
**C. 14 cm**  
**D. 16 cm**  
**Answer:** **B. 12 cm**  
**Explanation:**  
Area of rectangle = Length × Width.  
180 = 15 × Width  
Width = 180 ÷ 15 = 12 cm.

**63. Which of the following is the largest?**

**A. 3² × 4²**  
**B. 4³ × 3³**  
**C. 5² × 2³**  
**D. 6³ × 2²**  
**Answer:** **B. 4³ × 3³**  
**Explanation:**  
3² × 4² = 9 × 16 = 144  
4³ × 3³ = 64 × 27 = 1728  
5² × 2³ = 25 × 8 = 200  
6³ × 2² = 216 × 4 = 864  
Therefore, the largest is 4³ × 3³ = 1728.

**64. A person buys a car for ₹5,00,000 and sells it for ₹5,50,000. What is the profit percentage?**

**A. 10%**  
**B. 5%**  
**C. 20%**  
**D. 15%**  
**Answer:** **A. 10%**  
**Explanation:**  
Profit = Selling Price − Cost Price = ₹5,50,000 − ₹5,00,000 = ₹50,000.  
Profit Percentage = (Profit ÷ Cost Price) × 100 = (50,000 ÷ 5,00,000) × 100 = 10%.

**65. What is the total cost of 15 pencils if the cost of one pencil is ₹2.50?**

**A. ₹35**  
**B. ₹37.50**  
**C. ₹40**  
**D. ₹45**  
**Answer:** **B. ₹37.50**  
**Explanation:**  
Total cost = Cost of one pencil × Number of pencils  
= ₹2.50 × 15 = ₹37.50.

**66. If the cost of 5 kg of sugar is ₹150, what will be the cost of 8 kg of sugar?**

**A. ₹240**  
**B. ₹280**  
**C. ₹320**  
**D. ₹350**  
**Answer:** **A. ₹240**  
**Explanation:**  
Cost of 1 kg of sugar = ₹150 ÷ 5 = ₹30.  
Cost of 8 kg of sugar = 8 × ₹30 = ₹240.

**67. In a right-angled triangle, if the base is 6 cm and the height is 8 cm, what is the hypotenuse?**

**A. 10 cm**  
**B. 12 cm**  
**C. 14 cm**  
**D. 16 cm**  
**Answer:** **A. 10 cm**  
**Explanation:**  
Using the Pythagorean Theorem,  
Hypotenuse² = Base² + Height²  
Hypotenuse² = 6² + 8² = 36 + 64 = 100  
Hypotenuse = √100 = 10 cm.

**68. The sum of the ages of a mother and her son is 40 years. The mother is 8 years older than three times the age of her son. What are their ages?**

**A. Son = 8 years, Mother = 32 years**  
**B. Son = 10 years, Mother = 30 years**  
**C. Son = 12 years, Mother = 28 years**  
**D. Son = 14 years, Mother = 26 years**  
**Answer:** **C. Son = 12 years, Mother = 28 years**  
**Explanation:**  
Let the age of the son be x.  
The mother’s age = 3x + 8.  
x + (3x + 8) = 40  
4x + 8 = 40  
4x = 32  
x = 8.  
The son is 8 years old, and the mother is 3 × 8 + 8 = 32 years old.

**69. How many prime numbers are there between 1 and 20?**

**A. 6**  
**B. 7**  
**C. 8**  
**D. 9**  
**Answer:** **B. 7**  
**Explanation:**  
The prime numbers between 1 and 20 are: 2, 3, 5, 7, 11, 13, and 17.  
So, there are 7 prime numbers.

**70. If a car covers 200 km in 5 hours, what is its average speed?**

**A. 35 km/h**  
**B. 40 km/h**  
**C. 45 km/h**  
**D. 50 km/h**  
**Answer:** **B. 40 km/h**  
**Explanation:**  
Average speed = Total Distance ÷ Total Time  
= 200 km ÷ 5 hours = 40 km/h.

Would you like to continue with the next set of questions?

4o mini

**You said:**

yes

**ChatGPT said:**

Here is the next set of **General Aptitude Questions (71–90)** with answers and explanations:

**71. The sum of the first 20 natural numbers is:**

**A. 210**  
**B. 220**  
**C. 230**  
**D. 240**  
**Answer:** **A. 210**  
**Explanation:**  
The sum of the first n natural numbers is given by the formula:  
S=n(n+1)2S = \frac{n(n+1)}{2}S=2n(n+1)​.  
For n = 20,  
S=20(20+1)2=20×212=210S = \frac{20(20+1)}{2} = \frac{20 \times 21}{2} = 210S=220(20+1)​=220×21​=210.

**72. A man walks 3 km towards north, then turns right and walks 4 km. How far is he from his starting point?**

**A. 3 km**  
**B. 5 km**  
**C. 7 km**  
**D. 8 km**  
**Answer:** **B. 5 km**  
**Explanation:**  
The man moves north for 3 km and then turns right (east) and moves 4 km.  
By using the Pythagorean theorem, the distance from the starting point is:  
32+42=9+16=25=5\sqrt{3^2 + 4^2} = \sqrt{9 + 16} = \sqrt{25} = 532+42​=9+16​=25​=5 km.

**73. The product of two consecutive odd numbers is 255. What are the numbers?**

**A. 15 and 17**  
**B. 13 and 15**  
**C. 17 and 19**  
**D. 11 and 13**  
**Answer:** **A. 15 and 17**  
**Explanation:**  
Let the numbers be x and x+2.  
x(x+2)=255x(x+2) = 255x(x+2)=255  
x2+2x=255x^2 + 2x = 255x2+2x=255  
x2+2x−255=0x^2 + 2x - 255 = 0x2+2x−255=0.  
Solving the quadratic equation, we get x = 15.  
So, the numbers are 15 and 17.

**74. If the price of an item is reduced by 25%, the new price is ₹150. What was the original price?**

**A. ₹200**  
**B. ₹210**  
**C. ₹220**  
**D. ₹250**  
**Answer:** **A. ₹200**  
**Explanation:**  
Let the original price be x.  
After a 25% reduction, the new price is 75% of x, i.e., 0.75x=1500.75x = 1500.75x=150.  
Solving for x,  
x=150÷0.75=₹200x = 150 ÷ 0.75 = ₹200x=150÷0.75=₹200.

**75. The sum of the ages of A and B is 72 years. The ratio of their ages is 3:5. What is the age of A?**

**A. 28 years**  
**B. 30 years**  
**C. 32 years**  
**D. 34 years**  
**Answer:** **A. 28 years**  
**Explanation:**  
Let the ages of A and B be 3x and 5x, respectively.  
3x+5x=723x + 5x = 723x+5x=72  
8x=728x = 728x=72  
x=9x = 9x=9.  
So, the age of A = 3x = 3 × 9 = 28 years.

**76. A person travels 60 km at a speed of 30 km/h and returns at a speed of 40 km/h. What is the average speed for the entire journey?**

**A. 35 km/h**  
**B. 36 km/h**  
**C. 38 km/h**  
**D. 39 km/h**  
**Answer:** **B. 36 km/h**  
**Explanation:**  
The formula for average speed when the same distance is covered at different speeds is:  
Average Speed=2xyx+y\text{Average Speed} = \frac{2xy}{x + y}Average Speed=x+y2xy​, where x and y are the two speeds.  
Here, x = 30 km/h and y = 40 km/h.  
Average Speed=2×30×4030+40=240070=36\text{Average Speed} = \frac{2 \times 30 \times 40}{30 + 40} = \frac{2400}{70} = 36Average Speed=30+402×30×40​=702400​=36 km/h.

**77. If a train travels 200 meters in 20 seconds, what is its speed in km/h?**

**A. 36 km/h**  
**B. 72 km/h**  
**C. 90 km/h**  
**D. 108 km/h**  
**Answer:** **A. 36 km/h**  
**Explanation:**  
Speed = Distance ÷ Time.  
The train covers 200 meters in 20 seconds.  
Convert 200 meters to kilometers: 200 meters = 0.2 km.  
Convert 20 seconds to hours: 20 seconds = 203600\frac{20}{3600}360020​ hours = 1180\frac{1}{180}1801​ hours.  
Speed = 0.21180=0.2×180=36\frac{0.2}{\frac{1}{180}} = 0.2 \times 180 = 361801​0.2​=0.2×180=36 km/h.

**78. The sum of the digits of a two-digit number is 15. If the number is reversed, it becomes 54 less than the original number. What is the number?**

**A. 69**  
**B. 78**  
**C. 87**  
**D. 96**  
**Answer:** **C. 87**  
**Explanation:**  
Let the two-digit number be 10a + b, where a is the tens digit and b is the ones digit.  
We know:  
a+b=15a + b = 15a+b=15 (Sum of digits is 15)  
Also, 10b+a=10a+b−5410b + a = 10a + b - 5410b+a=10a+b−54 (Reversed number is 54 less than the original number).  
Solving these two equations, we get a = 8 and b = 7, so the number is 87.

**79. If a sum of ₹800 is divided between A, B, and C in the ratio 3:4:5, what is the share of C?**

**A. ₹250**  
**B. ₹300**  
**C. ₹350**  
**D. ₹400**  
**Answer:** **C. ₹350**  
**Explanation:**  
The total ratio is 3 + 4 + 5 = 12.  
The share of C = 512×800=₹350\frac{5}{12} \times 800 = ₹350125​×800=₹350.

**80. The number of prime factors of 120 is:**

**A. 3**  
**B. 4**  
**C. 5**  
**D. 6**  
**Answer:** **B. 4**  
**Explanation:**  
The prime factorization of 120 is 120=23×3×5120 = 2^3 \times 3 \times 5120=23×3×5.  
The prime factors are 2, 3, and 5.  
Therefore, the number of prime factors is 4.

Would you like to continue with the next set of questions?

4o mini

**You said:**

yes

**ChatGPT said:**

Here is the next set of **General Aptitude Questions (81–100)** with answers and explanations:

**81. What is the average of the first 15 multiples of 5?**

**A. 35**  
**B. 40**  
**C. 45**  
**D. 50**  
**Answer:** **B. 40**  
**Explanation:**  
The first 15 multiples of 5 are: 5, 10, 15, ..., 75.  
The average of an arithmetic sequence is given by:  
Average=First term+Last term2\text{Average} = \frac{\text{First term} + \text{Last term}}{2}Average=2First term+Last term​.  
Average = 5+752=802=40\frac{5 + 75}{2} = \frac{80}{2} = 4025+75​=280​=40.

**82. A man spends 30% of his income on rent, 40% on food, and the remaining on savings. If his total income is ₹40,000, how much does he save?**

**A. ₹6,000**  
**B. ₹8,000**  
**C. ₹10,000**  
**D. ₹12,000**  
**Answer:** **B. ₹8,000**  
**Explanation:**  
Rent = 30% of ₹40,000 = ₹12,000.  
Food = 40% of ₹40,000 = ₹16,000.  
Savings = Remaining income = ₹40,000 − ₹12,000 − ₹16,000 = ₹8,000.

**83. If the perimeter of a square is 36 cm, what is the area of the square?**

**A. 81 cm²**  
**B. 72 cm²**  
**C. 64 cm²**  
**D. 100 cm²**  
**Answer:** **C. 64 cm²**  
**Explanation:**  
Perimeter of a square = 4 × side.  
36 = 4 × side,  
side = 36 ÷ 4 = 9 cm.  
Area of square = side² = 9² = 81 cm².

**84. What is the value of 5^3 × 5^2?**

**A. 5^6**  
**B. 5^7**  
**C. 5^8**  
**D. 5^9**  
**Answer:** **B. 5^7**  
**Explanation:**  
Using the law of exponents:  
am×an=am+na^m \times a^n = a^{m+n}am×an=am+n,  
53×52=53+2=555^3 \times 5^2 = 5^{3+2} = 5^553×52=53+2=55.

**85. The HCF of two numbers is 6, and their LCM is 72. What is the product of the two numbers?**

**A. 432**  
**B. 4320**  
**C. 43200**  
**D. 432000**  
**Answer:** **A. 432**  
**Explanation:**  
The product of two numbers is equal to the product of their HCF and LCM:  
Product of the two numbers=HCF×LCM\text{Product of the two numbers} = \text{HCF} \times \text{LCM}Product of the two numbers=HCF×LCM.  
Product = 6×72=4326 \times 72 = 4326×72=432.

**86. The average of 10 numbers is 15. If one number is excluded, the average of the remaining 9 numbers is 14. What is the excluded number?**

**A. 10**  
**B. 15**  
**C. 18**  
**D. 20**  
**Answer:** **D. 20**  
**Explanation:**  
Sum of 10 numbers = 15 × 10 = 150.  
Sum of 9 numbers = 14 × 9 = 126.  
The excluded number = 150 − 126 = 24.

**87. A person sold an item for ₹50,000 at a profit of 25%. What is the cost price of the item?**

**A. ₹40,000**  
**B. ₹45,000**  
**C. ₹48,000**  
**D. ₹52,000**  
**Answer:** **A. ₹40,000**  
**Explanation:**  
Selling Price = Cost Price + Profit.  
Profit = 25% of Cost Price = 25100×Cost Price=0.25×Cost Price\frac{25}{100} \times \text{Cost Price} = 0.25 \times \text{Cost Price}10025​×Cost Price=0.25×Cost Price.  
Selling Price = Cost Price + 0.25 × Cost Price = 1.25 × Cost Price.  
50,000=1.25×Cost Price50,000 = 1.25 \times \text{Cost Price}50,000=1.25×Cost Price,  
Cost Price=50,0001.25=₹40,000\text{Cost Price} = \frac{50,000}{1.25} = ₹40,000Cost Price=1.2550,000​=₹40,000.

**88. What is the next number in the series: 2, 6, 12, 20, 30, \_\_?**

**A. 36**  
**B. 40**  
**C. 42**  
**D. 48**  
**Answer:** **C. 42**  
**Explanation:**  
The pattern is increasing by successive even numbers:  
2 + 4 = 6,  
6 + 6 = 12,  
12 + 8 = 20,  
20 + 10 = 30,  
30 + 12 = 42.

**89. If the cost price of 20 books is ₹1600, what is the cost price of 15 books?**

**A. ₹1200**  
**B. ₹1000**  
**C. ₹1400**  
**D. ₹1600**  
**Answer:** **A. ₹1200**  
**Explanation:**  
Cost price of 1 book = ₹1600 ÷ 20 = ₹80.  
Cost price of 15 books = 15 × ₹80 = ₹1200.

**90. A train moves at a speed of 72 km/h. What is its speed in meters per second?**

**A. 18 m/s**  
**B. 20 m/s**  
**C. 22 m/s**  
**D. 24 m/s**  
**Answer:** **A. 20 m/s**  
**Explanation:**  
To convert km/h to m/s, multiply by 518\frac{5}{18}185​.  
Speed in m/s = 72×518=2072 \times \frac{5}{18} = 2072×185​=20 m/s.

Would you like to continue with more questions or need any further assistance?

4o mini

**You said:**

yes

**ChatGPT said:**

Here is the next set of **General Aptitude Questions (91–110)** with answers and explanations:

**91. The ratio of the speed of a boat to the speed of the stream is 3:2. If the boat can travel 15 km downstream in 1 hour, what is the speed of the boat in still water?**

**A. 5 km/h**  
**B. 6 km/h**  
**C. 7 km/h**  
**D. 8 km/h**  
**Answer:** **B. 6 km/h**  
**Explanation:**  
Let the speed of the boat in still water be 3x and the speed of the stream be 2x.  
The downstream speed = speed of the boat + speed of the stream = 3x+2x=5x3x + 2x = 5x3x+2x=5x.  
Given that the boat covers 15 km in 1 hour downstream,  
5x=155x = 155x=15  
x=3x = 3x=3.  
Therefore, the speed of the boat in still water = 3x=3×3=93x = 3 \times 3 = 93x=3×3=9 km/h.

**92. What is the value of (8 + 6) ÷ 2 × 3?**

**A. 21**  
**B. 27**  
**C. 24**  
**D. 18**  
**Answer:** **A. 21**  
**Explanation:**  
According to the order of operations (BODMAS),  
First, calculate inside the parentheses:  
(8+6)=14(8 + 6) = 14(8+6)=14.  
Now, divide by 2:  
14÷2=714 ÷ 2 = 714÷2=7.  
Finally, multiply by 3:  
7×3=217 \times 3 = 217×3=21.

**93. A can complete a job in 10 days, and B can complete the same job in 15 days. If both work together, how long will it take them to complete the job?**

**A. 5 days**  
**B. 6 days**  
**C. 7 days**  
**D. 8 days**  
**Answer:** **B. 6 days**  
**Explanation:**  
The work done by A in one day = 110\frac{1}{10}101​ of the job.  
The work done by B in one day = 115\frac{1}{15}151​ of the job.  
Together, they can complete:  
110+115=330+230=530=16\frac{1}{10} + \frac{1}{15} = \frac{3}{30} + \frac{2}{30} = \frac{5}{30} = \frac{1}{6}101​+151​=303​+302​=305​=61​.  
So, they will complete the job in 6 days.

**94. The compound interest on a sum of money for 2 years is ₹800, and the simple interest is ₹750. What is the rate of interest?**

**A. 5%**  
**B. 6%**  
**C. 7%**  
**D. 8%**  
**Answer:** **A. 5%**  
**Explanation:**  
Let the principal be P and the rate of interest be R%.  
Simple Interest = P×R×T100\frac{P \times R \times T}{100}100P×R×T​,  
Compound Interest = P×R21002\frac{P \times R^2}{100^2}1002P×R2​.  
Compound Interest - Simple Interest = ₹800 − ₹750 = ₹50.  
P×R21002−P×R×T100=50\frac{P \times R^2}{100^2} − \frac{P \times R \times T}{100} = 501002P×R2​−100P×R×T​=50.  
Solve for R to get the rate.

**95. The number 756 is divisible by how many prime numbers?**

**A. 3**  
**B. 4**  
**C. 5**  
**D. 6**  
**Answer:** **B. 4**  
**Explanation:**  
The prime factorization of 756 is:  
756=22×33×7756 = 2^2 \times 3^3 \times 7756=22×33×7.  
Therefore, the prime numbers are 2, 3, and 7. There are four prime factors: 222^222, 333^333, 777.

**96. The sum of two consecutive odd numbers is 80. What are the numbers?**

**A. 39 and 41**  
**B. 41 and 43**  
**C. 37 and 43**  
**D. 39 and 43**  
**Answer:** **A. 39 and 41**  
**Explanation:**  
Let the two consecutive odd numbers be x and x + 2.  
x+(x+2)=80x + (x + 2) = 80x+(x+2)=80.  
Solving:  
2x+2=802x + 2 = 802x+2=80,  
2x=782x = 782x=78,  
x=39x = 39x=39.  
Therefore, the two numbers are 39 and 41.

**97. What is the least common multiple (LCM) of 12 and 18?**

**A. 36**  
**B. 72**  
**C. 54**  
**D. 48**  
**Answer:** **A. 36**  
**Explanation:**  
The prime factorization of 12 is 22×32^2 \times 322×3.  
The prime factorization of 18 is 2×322 \times 3^22×32.  
The LCM is found by taking the highest powers of each prime factor:  
LCM=22×32=36LCM = 2^2 \times 3^2 = 36LCM=22×32=36.

**98. In a class of 40 students, 15 are wearing spectacles. What percentage of students are wearing spectacles?**

**A. 37.5%**  
**B. 40%**  
**C. 42.5%**  
**D. 45%**  
**Answer:** **A. 37.5%**  
**Explanation:**  
Percentage of students wearing spectacles = 1540×100=37.5%\frac{15}{40} \times 100 = 37.5\%4015​×100=37.5%.

**99. If the area of a square is 64 cm², what is the perimeter of the square?**

**A. 20 cm**  
**B. 24 cm**  
**C. 32 cm**  
**D. 40 cm**  
**Answer:** **B. 24 cm**  
**Explanation:**  
Area of square = side² = 64 cm²,  
side = 64=8\sqrt{64} = 864​=8 cm.  
Perimeter of square = 4 × side = 4 × 8 = 32 cm.

**100. A watch gains 10 minutes every 2 hours. How much time will it gain in 3 days?**

**A. 36 minutes**  
**B. 72 minutes**  
**C. 80 minutes**  
**D. 90 minutes**  
**Answer:** **B. 72 minutes**  
**Explanation:**  
The watch gains 10 minutes in 2 hours, so in 1 hour, it gains 5 minutes.  
In 3 days (72 hours), the watch will gain:  
5×72=3605 \times 72 = 3605×72=360 minutes = 72 minutes.

Would you like to continue with more questions?

4o mini

**You said:**

yes

**ChatGPT said:**

Here is the next set of **General Aptitude Questions (101–120)** with answers and explanations:

**101. If the selling price of 15 articles is the same as the cost price of 20 articles, what is the profit percentage?**

**A. 25%**  
**B. 33.33%**  
**C. 40%**  
**D. 50%**  
**Answer:** **B. 33.33%**  
**Explanation:**  
Let the cost price of one article be CCC.  
Selling price of 15 articles = 15×C15 \times C15×C.  
Cost price of 20 articles = 20×C20 \times C20×C.  
Profit = Selling price − Cost price = 20C−15C=5C20C − 15C = 5C20C−15C=5C.  
Profit percentage = ProfitCostPrice×100=5C15C×100=33.33%\frac{Profit}{Cost Price} \times 100 = \frac{5C}{15C} \times 100 = 33.33\%CostPriceProfit​×100=15C5C​×100=33.33%.

**102. The sum of two consecutive numbers is 55. What are the numbers?**

**A. 27 and 28**  
**B. 28 and 29**  
**C. 29 and 30**  
**D. 30 and 31**  
**Answer:** **B. 28 and 29**  
**Explanation:**  
Let the two consecutive numbers be xxx and x+1x + 1x+1.  
x+(x+1)=55x + (x + 1) = 55x+(x+1)=55.  
2x+1=552x + 1 = 552x+1=55,  
2x=542x = 542x=54,  
x=27x = 27x=27.  
Therefore, the two consecutive numbers are 28 and 29.

**103. The total cost of 10 pens and 15 pencils is ₹100. If the cost of one pen is ₹5, what is the cost of one pencil?**

**A. ₹3**  
**B. ₹4**  
**C. ₹5**  
**D. ₹6**  
**Answer:** **A. ₹3**  
**Explanation:**  
Let the cost of one pencil be xxx.  
The cost of 10 pens = 10×5=5010 \times 5 = 5010×5=50.  
The total cost of 10 pens and 15 pencils is ₹100.  
Therefore, 50+15x=10050 + 15x = 10050+15x=100,  
15x=5015x = 5015x=50,  
x=5015=3x = \frac{50}{15} = 3x=1550​=3.  
Hence, the cost of one pencil is ₹3.

**104. The perimeter of a rectangle is 48 cm, and the length is 14 cm. What is the breadth of the rectangle?**

**A. 8 cm**  
**B. 10 cm**  
**C. 12 cm**  
**D. 14 cm**  
**Answer:** **A. 8 cm**  
**Explanation:**  
The perimeter of a rectangle is given by 2×(Length+Breadth)2 \times (Length + Breadth)2×(Length+Breadth).  
So, 2×(14+Breadth)=482 \times (14 + \text{Breadth}) = 482×(14+Breadth)=48,  
14+Breadth=2414 + \text{Breadth} = 2414+Breadth=24,  
Breadth=24−14=8\text{Breadth} = 24 - 14 = 8Breadth=24−14=8 cm.

**105. The average of five numbers is 20. If one number is excluded, the average of the remaining four is 18. What is the excluded number?**

**A. 15**  
**B. 16**  
**C. 17**  
**D. 20**  
**Answer:** **B. 16**  
**Explanation:**  
Sum of five numbers = 20×5=10020 \times 5 = 10020×5=100.  
Sum of four numbers = 18×4=7218 \times 4 = 7218×4=72.  
Excluded number = 100−72=16100 - 72 = 16100−72=16.

**106. A car travels 20 km in 30 minutes. What is its speed in km/h?**

**A. 40 km/h**  
**B. 50 km/h**  
**C. 60 km/h**  
**D. 70 km/h**  
**Answer:** **C. 40 km/h**  
**Explanation:**  
Time taken = 30 minutes = 12\frac{1}{2}21​ hours.  
Speed = DistanceTime=200.5=40\frac{Distance}{Time} = \frac{20}{0.5} = 40TimeDistance​=0.520​=40 km/h.

**107. A sum of ₹3000 is invested at an interest rate of 5% per annum. What will be the simple interest for 3 years?**

**A. ₹450**  
**B. ₹500**  
**C. ₹550**  
**D. ₹600**  
**Answer:** **A. ₹450**  
**Explanation:**  
Simple Interest = P×R×T100=3000×5×3100=₹450\frac{P \times R \times T}{100} = \frac{3000 \times 5 \times 3}{100} = ₹450100P×R×T​=1003000×5×3​=₹450.

**108. If a number is divisible by both 6 and 9, it must also be divisible by which number?**

**A. 12**  
**B. 18**  
**C. 24**  
**D. 36**  
**Answer:** **B. 18**  
**Explanation:**  
The least common multiple (LCM) of 6 and 9 is 18. Therefore, any number divisible by both 6 and 9 must also be divisible by 18.

**109. What is the next number in the sequence: 1, 4, 9, 16, 25, \_\_?**

**A. 30**  
**B. 35**  
**C. 36**  
**D. 40**  
**Answer:** **C. 36**  
**Explanation:**  
The given sequence is the square of natural numbers:  
12,22,32,42,52,…1^2, 2^2, 3^2, 4^2, 5^2, \dots12,22,32,42,52,….  
The next number is 62=366^2 = 3662=36.

**110. If the length of a rectangle is doubled and the breadth is halved, what is the new area of the rectangle?**

**A. The area remains the same**  
**B. The area is doubled**  
**C. The area is halved**  
**D. The area is quadrupled**  
**Answer:** **B. The area is doubled**  
**Explanation:**  
Original area = length × breadth.  
New area = 2×length×12×breadth2 \times \text{length} \times \frac{1}{2} \times \text{breadth}2×length×21​×breadth.  
Therefore, the new area = original area, so it remains the same.

4o mini

**You said:**

yes

**ChatGPT said:**

Here is the next set of **General Aptitude Questions (111–130)** with answers and explanations:

**111. A train 180 meters long is running at a speed of 90 km/h. How much time will it take to cross a pole?**

**A. 6 seconds**  
**B. 7.2 seconds**  
**C. 8 seconds**  
**D. 9 seconds**  
**Answer:** **B. 7.2 seconds**  
**Explanation:**  
Speed = 90 km/h = 90×10003600=25\frac{90 \times 1000}{3600} = 25360090×1000​=25 m/s  
Time = 18025=7.2\frac{180}{25} = 7.225180​=7.2 seconds

**112. What is 25% of 640?**

**A. 150**  
**B. 155**  
**C. 160**  
**D. 170**  
**Answer:** **C. 160**  
**Explanation:**  
25% of 640 = 25100×640=160\frac{25}{100} \times 640 = 16010025​×640=160

**113. A shopkeeper sells an article at 10% loss. If he had sold it for ₹50 more, he would have gained 5%. Find the cost price.**

**A. ₹300**  
**B. ₹350**  
**C. ₹400**  
**D. ₹500**  
**Answer:** **C. ₹400**  
**Explanation:**  
Let the cost price be ₹x.  
At 10% loss, selling price = 0.9x0.9x0.9x  
At 5% gain, selling price = 1.05x1.05x1.05x  
1.05x−0.9x=501.05x - 0.9x = 501.05x−0.9x=50  
0.15x=500.15x = 500.15x=50  
x=500.15=₹333.33x = \frac{50}{0.15} = ₹333.33x=0.1550​=₹333.33  
(closest match to ₹400 — check options carefully; this may be a typo in answer key, so actual correct value = ₹333.33)

**114. In how many different ways can the letters of the word 'MATH' be arranged?**

**A. 12**  
**B. 18**  
**C. 24**  
**D. 36**  
**Answer:** **C. 24**  
**Explanation:**  
4 letters, all distinct → 4! = 4 × 3 × 2 × 1 = 24

**115. The average of 10 numbers is 45. If one number is 65, what is the average of the remaining 9 numbers?**

**A. 43**  
**B. 44**  
**C. 45**  
**D. 46**  
**Answer:** **A. 43**  
**Explanation:**  
Sum of 10 numbers = 10 × 45 = 450  
Sum of 9 numbers = 450 − 65 = 385  
Average = 3859=42.78≈43\frac{385}{9} = 42.78 \approx 439385​=42.78≈43

**116. A man walks 3 km north, then 4 km east. How far is he from the starting point?**

**A. 5 km**  
**B. 6 km**  
**C. 7 km**  
**D. 8 km**  
**Answer:** **A. 5 km**  
**Explanation:**  
Right triangle → Distance = 32+42=9+16=25=5\sqrt{3^2 + 4^2} = \sqrt{9 + 16} = \sqrt{25} = 532+42​=9+16​=25​=5 km

**117. What is the HCF of 36 and 48?**

**A. 6**  
**B. 12**  
**C. 18**  
**D. 24**  
**Answer:** **B. 12**  
**Explanation:**  
Factors of 36: 1, 2, 3, 4, 6, 9, 12, 18, 36  
Factors of 48: 1, 2, 3, 4, 6, 8, 12, 16, 24, 48  
Common highest = 12

**118. Simplify: (2x + 3)(x − 4)**

**A. 2x² − 5x − 12**  
**B. 2x² − 5x + 12**  
**C. 2x² − 8x + 3x − 12**  
**D. 2x² + 3x − 8x − 12**  
**Answer:** **A. 2x² − 5x − 12**  
**Explanation:**  
(2x + 3)(x − 4)  
= 2x(x − 4) + 3(x − 4)  
= 2x² − 8x + 3x − 12  
= 2x² − 5x − 12

**119. If the radius of a circle is 7 cm, what is its area?**

**A. 144 cm²**  
**B. 154 cm²**  
**C. 164 cm²**  
**D. 178 cm²**  
**Answer:** **B. 154 cm²**  
**Explanation:**  
Area = πr² = 227×7×7=154\frac{22}{7} \times 7 \times 7 = 154722​×7×7=154 cm²

**120. What is the next term in the sequence: 2, 6, 12, 20, 30, ?**

**A. 36**  
**B. 40**  
**C. 42**  
**D. 50**  
**Answer:** **C. 42**  
**Explanation:**  
Differences:  
6−2 = 4, 12−6 = 6, 20−12 = 8, 30−20 = 10  
Pattern: +2 every time → Next difference = 12  
Next number = 30 + 12 = 42

Would you like me to continue with the next set (121–140)?

4o

**You said:**

yes

**ChatGPT said:**

Here is the next set of **General Aptitude Questions (121–140)** with answers and explanations:

**121. What is the simple interest on ₹1200 at 10% per annum for 3 years?**

**A. ₹320**  
**B. ₹360**  
**C. ₹400**  
**D. ₹450**  
**Answer:** **B. ₹360**  
**Explanation:**  
Simple Interest = P×R×T100=1200×10×3100=₹360\frac{P \times R \times T}{100} = \frac{1200 \times 10 \times 3}{100} = ₹360100P×R×T​=1001200×10×3​=₹360

**122. If A:B = 2:3 and B:C = 4:5, then what is A:C?**

**A. 2:5**  
**B. 8:15**  
**C. 3:4**  
**D. 5:8**  
**Answer:** **B. 8:15**  
**Explanation:**  
A:B = 2:3, B:C = 4:5  
Make B common: LCM of 3 and 4 = 12  
A:B = 8:12, B:C = 12:15 → A:C = 8:15

**123. Find the value of x: 2x+5=172x + 5 = 172x+5=17**

**A. 6**  
**B. 5**  
**C. 7**  
**D. 8**  
**Answer:** **A. 6**  
**Explanation:**  
2x=17−5=122x = 17 − 5 = 122x=17−5=12 → x=6x = 6x=6

**124. The average of 8 numbers is 16. What is their total sum?**

**A. 112**  
**B. 118**  
**C. 120**  
**D. 128**  
**Answer:** **D. 128**  
**Explanation:**  
Sum = Average × Count = 16 × 8 = 128

**125. A man buys a pen for ₹20 and sells it for ₹25. Find the profit percentage.**

**A. 20%**  
**B. 25%**  
**C. 30%**  
**D. 35%**  
**Answer:** **B. 25%**  
**Explanation:**  
Profit = 25 − 20 = ₹5  
% Profit = 520×100=25%\frac{5}{20} \times 100 = 25\%205​×100=25%

**126. If 5x − 2 = 3x + 4, what is the value of x?**

**A. 3**  
**B. 2**  
**C. 4**  
**D. 5**  
**Answer:** **C. 3**  
**Explanation:**  
5x − 2 = 3x + 4 → 2x = 6 → x = 3

**127. What is the LCM of 6, 8, and 12?**

**A. 24**  
**B. 48**  
**C. 36**  
**D. 72**  
**Answer:** **B. 24**  
**Explanation:**  
Multiples: 6 = 6,12,18,24,...  
8 = 8,16,24,...  
12 = 12,24,... → LCM = 24

**128. If a number is divided by 7, remainder is 4. What will be the remainder when the square of that number is divided by 7?**

**A. 1**  
**B. 2**  
**C. 3**  
**D. 4**  
**Answer:** **A. 2**  
**Explanation:**  
Let number = 7k + 4 → Square = (7k + 4)² = ...  
Find 4² = 16 → 16 % 7 = 2

**129. How many sides does a hexagon have?**

**A. 5**  
**B. 6**  
**C. 7**  
**D. 8**  
**Answer:** **B. 6**  
**Explanation:**  
Hexagon = 6-sided polygon

**130. Which of the following is a prime number?**

**A. 9**  
**B. 15**  
**C. 23**  
**D. 25**  
**Answer:** **C. 23**  
**Explanation:**  
23 has only two factors: 1 and 23 → Prime

Would you like to continue with questions 131–150?

4o

**You said:**

yes

**ChatGPT said:**

Here is the next set of **General Aptitude Questions (131–150)** with answers and explanations:

**131. What is the cube of 3?**

**A. 6**  
**B. 9**  
**C. 27**  
**D. 81**  
**Answer:** **C. 27**  
**Explanation:**  
33=3×3×3=273^3 = 3 \times 3 \times 3 = 2733=3×3×3=27

**132. How many degrees are there in a right angle?**

**A. 45°**  
**B. 60°**  
**C. 90°**  
**D. 120°**  
**Answer:** **C. 90°**  
**Explanation:**  
A right angle = 90°

**133. A man covers 60 km in 3 hours. What is his speed?**

**A. 15 km/h**  
**B. 20 km/h**  
**C. 25 km/h**  
**D. 30 km/h**  
**Answer:** **B. 20 km/h**  
**Explanation:**  
Speed = Distance ÷ Time = 60 ÷ 3 = 20 km/h

**134. If the perimeter of a square is 36 cm, what is the length of one side?**

**A. 6 cm**  
**B. 9 cm**  
**C. 12 cm**  
**D. 18 cm**  
**Answer:** **B. 9 cm**  
**Explanation:**  
Perimeter = 4 × side → Side = 36 ÷ 4 = 9 cm

**135. What is the next number in the pattern: 1, 4, 9, 16, 25, ?**

**A. 30**  
**B. 35**  
**C. 36**  
**D. 49**  
**Answer:** **C. 36**  
**Explanation:**  
Perfect squares: 12,22,32,42,52,62=361^2, 2^2, 3^2, 4^2, 5^2, 6^2 = 3612,22,32,42,52,62=36

**136. If 40% of a number is 80, what is the number?**

**A. 180**  
**B. 190**  
**C. 200**  
**D. 220**  
**Answer:** **C. 200**  
**Explanation:**  
Let number be x → 40100x=80\frac{40}{100}x = 8010040​x=80 → x=80×10040=200x = \frac{80 \times 100}{40} = 200x=4080×100​=200

**137. What is the square root of 121?**

**A. 9**  
**B. 10**  
**C. 11**  
**D. 12**  
**Answer:** **C. 11**  
**Explanation:**  
121=11\sqrt{121} = 11121​=11

**138. A train runs 120 km in 2 hours. What is its speed in m/s?**

**A. 16.67 m/s**  
**B. 20 m/s**  
**C. 25 m/s**  
**D. 30 m/s**  
**Answer:** **B. 16.67 m/s**  
**Explanation:**  
Speed = 120 km / 2 hr = 60 km/h  
→ 60×10003600=16.67\frac{60 \times 1000}{3600} = 16.67360060×1000​=16.67 m/s

**139. Which one is the smallest prime number?**

**A. 1**  
**B. 2**  
**C. 3**  
**D. 5**  
**Answer:** **B. 2**  
**Explanation:**  
2 is the smallest and only even prime number

**140. If 5 pencils cost ₹30, what is the cost of 8 pencils?**

**A. ₹36**  
**B. ₹42**  
**C. ₹48**  
**D. ₹52**  
**Answer:** **C. ₹48**  
**Explanation:**  
1 pencil = ₹6 → 8 pencils = ₹6 × 8 = ₹48

Would you like to continue with questions 141–160?

4o

**You said:**

yes

**ChatGPT said:**

Here is the next set of **General Aptitude Questions (141–160)** with answers and explanations:

**141. If a car travels at 60 km/h, how far will it travel in 45 minutes?**

**A. 45 km**  
**B. 40 km**  
**C. 50 km**  
**D. 30 km**  
**Answer:** **D. 45 km**  
**Explanation:**  
Time = 45 min = 0.75 hr → Distance = Speed × Time = 60 × 0.75 = 45 km

**142. A shopkeeper gives 10% discount on a product of ₹500. What is the selling price?**

**A. ₹450**  
**B. ₹460**  
**C. ₹470**  
**D. ₹480**  
**Answer:** **A. ₹450**  
**Explanation:**  
Discount = 10% of 500 = ₹50 → Selling Price = ₹500 − ₹50 = ₹450

**143. What is the HCF of 24 and 36?**

**A. 6**  
**B. 8**  
**C. 12**  
**D. 18**  
**Answer:** **C. 12**  
**Explanation:**  
Common factors: 1, 2, 3, 4, 6, 12 → HCF = 12

**144. What is the value of (2+3)2(2 + 3)^2(2+3)2?**

**A. 25**  
**B. 20**  
**C. 16**  
**D. 36**  
**Answer:** **A. 25**  
**Explanation:**  
(2+3)2=52=25(2 + 3)^2 = 5^2 = 25(2+3)2=52=25

**145. How many seconds are there in 1 hour?**

**A. 3600**  
**B. 1800**  
**C. 3000**  
**D. 2400**  
**Answer:** **A. 3600**  
**Explanation:**  
1 hour = 60 minutes = 60 × 60 = 3600 seconds

**146. Which number is 25% of 80?**

**A. 15**  
**B. 20**  
**C. 25**  
**D. 30**  
**Answer:** **B. 20**  
**Explanation:**  
25% of 80 = 25100×80=20\frac{25}{100} \times 80 = 2010025​×80=20

**147. If 3x = 27, then x = ?**

**A. 7**  
**B. 8**  
**C. 9**  
**D. 10**  
**Answer:** **C. 9**  
**Explanation:**  
x = 27 ÷ 3 = 9

**148. Find the next number: 2, 4, 8, 16, ?**

**A. 20**  
**B. 24**  
**C. 32**  
**D. 36**  
**Answer:** **C. 32**  
**Explanation:**  
Each number is multiplied by 2 → Next = 16 × 2 = 32

**149. What is the perimeter of a rectangle with length 10 cm and width 5 cm?**

**A. 25 cm**  
**B. 30 cm**  
**C. 35 cm**  
**D. 40 cm**  
**Answer:** **B. 30 cm**  
**Explanation:**  
Perimeter = 2(l + w) = 2(10 + 5) = 30 cm

**150. What is the average of 10, 20, 30, and 40?**

**A. 25**  
**B. 30**  
**C. 35**  
**D. 40**  
**Answer:** **A. 25**  
**Explanation:**  
Sum = 100 → Average = 100 ÷ 4 = 25

Shall I continue with **questions 151–170**?

4o

**You said:**

yes

**ChatGPT said:**

Here is the next set of **General Aptitude Questions (151–170)** with answers and explanations:

**151. A man spends ⅕ of his salary on rent. If his salary is ₹50,000, how much does he spend on rent?**

**A. ₹10,000**  
**B. ₹12,500**  
**C. ₹15,000**  
**D. ₹20,000**  
**Answer:** **A. ₹10,000**  
**Explanation:**  
15×50,000=10,000\frac{1}{5} \times 50,000 = 10,00051​×50,000=10,000

**152. What is the LCM of 6 and 8?**

**A. 12**  
**B. 18**  
**C. 24**  
**D. 48**  
**Answer:** **C. 24**  
**Explanation:**  
Multiples of 6: 6, 12, 18, 24...  
Multiples of 8: 8, 16, 24... → LCM = 24

**153. If the radius of a circle is 7 cm, what is the circumference? (Use π = 22/7)**

**A. 44 cm**  
**B. 46 cm**  
**C. 48 cm**  
**D. 50 cm**  
**Answer:** **A. 44 cm**  
**Explanation:**  
Circumference = 2πr = 2 × 22/7 × 7 = 44 cm

**154. The sum of two numbers is 40 and their difference is 10. What are the numbers?**

**A. 20 and 10**  
**B. 25 and 15**  
**C. 30 and 10**  
**D. 35 and 5**  
**Answer:** **B. 25 and 15**  
**Explanation:**  
Let numbers be x and y:  
x + y = 40 and x − y = 10 → Solving:  
x = 25, y = 15

**155. What is 15% of 200?**

**A. 25**  
**B. 30**  
**C. 35**  
**D. 40**  
**Answer:** **B. 30**  
**Explanation:**  
15100×200=30\frac{15}{100} \times 200 = 3010015​×200=30

**156. If 6x = 54, then x = ?**

**A. 7**  
**B. 8**  
**C. 9**  
**D. 10**  
**Answer:** **C. 9**  
**Explanation:**  
x = 54 ÷ 6 = 9

**157. How many prime numbers are there between 1 and 10?**

**A. 2**  
**B. 3**  
**C. 4**  
**D. 5**  
**Answer:** **C. 4**  
**Explanation:**  
Prime numbers: 2, 3, 5, 7 → Total = 4

**158. What is the square of 15?**

**A. 215**  
**B. 220**  
**C. 225**  
**D. 230**  
**Answer:** **C. 225**  
**Explanation:**  
15² = 15 × 15 = 225

**159. If 8 workers can complete a task in 6 days, how many days will 4 workers take?**

**A. 8 days**  
**B. 10 days**  
**C. 12 days**  
**D. 16 days**  
**Answer:** **C. 12 days**  
**Explanation:**  
Work is inversely proportional to workers  
→ 8×6=4×x8 × 6 = 4 × x8×6=4×x  
→ x = 48 ÷ 4 = 12 days

**160. What is the next term: 5, 10, 20, 40, ?**

**A. 45**  
**B. 50**  
**C. 60**  
**D. 80**  
**Answer:** **D. 80**  
**Explanation:**  
Each term is multiplied by 2 → 40 × 2 = 80

Would you like me to continue with **questions 161–180**?

4o

**You said:**

yes

**ChatGPT said:**

Here is the next set of **General Aptitude Questions (161–180)** with answers and explanations:

**161. A man buys an article for ₹240 and sells it for ₹300. What is his profit percentage?**

**A. 20%**  
**B. 25%**  
**C. 30%**  
**D. 40%**  
**Answer:** **B. 25%**  
**Explanation:**  
Profit = 300 − 240 = ₹60  
Profit % = (60/240) × 100 = 25%

**162. What is the value of 81\sqrt{81}81​?**

**A. 7**  
**B. 8**  
**C. 9**  
**D. 10**  
**Answer:** **C. 9**  
**Explanation:**  
√81 = 9

**163. Which of the following is a multiple of both 4 and 6?**

**A. 10**  
**B. 12**  
**C. 14**  
**D. 16**  
**Answer:** **B. 12**  
**Explanation:**  
LCM of 4 and 6 = 12

**164. What comes next in the pattern: 1, 3, 6, 10, 15, ?**

**A. 21**  
**B. 22**  
**C. 24**  
**D. 26**  
**Answer:** **A. 21**  
**Explanation:**  
Pattern is +2, +3, +4, +5... → Next: 15 + 6 = 21

**165. The ratio of boys to girls in a class is 3:2. If there are 30 boys, how many girls are there?**

**A. 15**  
**B. 20**  
**C. 25**  
**D. 18**  
**Answer:** **B. 20**  
**Explanation:**  
3:2 = 30:x → x = (2/3) × 30 = 20

**166. If a train travels 90 km in 1.5 hours, what is its speed?**

**A. 50 km/h**  
**B. 55 km/h**  
**C. 60 km/h**  
**D. 65 km/h**  
**Answer:** **C. 60 km/h**  
**Explanation:**  
Speed = Distance ÷ Time = 90 ÷ 1.5 = 60 km/h

**167. What is the sum of angles in a triangle?**

**A. 90°**  
**B. 120°**  
**C. 180°**  
**D. 360°**  
**Answer:** **C. 180°**  
**Explanation:**  
Sum of interior angles in any triangle = 180°

**168. Simplify: 4×(5+3)4 × (5 + 3)4×(5+3)**

**A. 20**  
**B. 24**  
**C. 28**  
**D. 32**  
**Answer:** **D. 32**  
**Explanation:**  
4 × (5 + 3) = 4 × 8 = 32

**169. What is 0.5 as a percentage?**

**A. 25%**  
**B. 50%**  
**C. 75%**  
**D. 100%**  
**Answer:** **B. 50%**  
**Explanation:**  
0.5 × 100 = 50%

**170. How many sides does a hexagon have?**

**A. 4**  
**B. 5**  
**C. 6**  
**D. 8**  
**Answer:** **C. 6**  
**Explanation:**  
Hexa = 6 → A hexagon has 6 sides

Shall I continue with **questions 171–190**?

4o

**You said:**

yes

**ChatGPT said:**

Here is the next set of **General Aptitude Questions (171–190)** with answers and explanations:

**171. If the average of 5 numbers is 20, what is their total sum?**

**A. 80**  
**B. 90**  
**C. 100**  
**D. 120**  
**Answer:** **C. 100**  
**Explanation:**  
Average = Sum / Number of items → Sum = 20 × 5 = 100

**172. Which number is a multiple of 9?**

**A. 36**  
**B. 44**  
**C. 52**  
**D. 63**  
**Answer:** **A. 36**  
**Explanation:**  
36 = 9 × 4, so it is a multiple of 9.

**173. If 3x + 2 = 17, what is the value of x?**

**A. 4**  
**B. 5**  
**C. 6**  
**D. 7**  
**Answer:** **B. 5**  
**Explanation:**  
3x + 2 = 17 → 3x = 15 → x = 5

**174. How many hours are there in 3 days?**

**A. 24**  
**B. 48**  
**C. 60**  
**D. 72**  
**Answer:** **D. 72**  
**Explanation:**  
1 day = 24 hours → 3 × 24 = 72

**175. What is the area of a rectangle with length 12 cm and width 8 cm?**

**A. 96 cm²**  
**B. 100 cm²**  
**C. 104 cm²**  
**D. 110 cm²**  
**Answer:** **A. 96 cm²**  
**Explanation:**  
Area = l × w = 12 × 8 = 96 cm²

**176. Which of the following is an odd number?**

**A. 14**  
**B. 18**  
**C. 22**  
**D. 25**  
**Answer:** **D. 25**  
**Explanation:**  
25 is not divisible by 2, so it's odd.

**177. A car travels 120 km in 3 hours. What is its average speed?**

**A. 30 km/h**  
**B. 40 km/h**  
**C. 50 km/h**  
**D. 60 km/h**  
**Answer:** **B. 40 km/h**  
**Explanation:**  
Speed = Distance / Time = 120 ÷ 3 = 40 km/h

**178. What is the value of 72−527^2 - 5^272−52?**

**A. 12**  
**B. 24**  
**C. 48**  
**D. 74**  
**Answer:** **C. 24**  
**Explanation:**  
72−52=49−25=247^2 - 5^2 = 49 - 25 = 2472−52=49−25=24

**179. Which fraction is equal to 0.25?**

**A. 1/3**  
**B. 1/4**  
**C. 1/5**  
**D. 1/2**  
**Answer:** **B. 1/4**  
**Explanation:**  
1 ÷ 4 = 0.25

**180. How many centimeters are there in 2.5 meters?**

**A. 250**  
**B. 200**  
**C. 150**  
**D. 100**  
**Answer:** **A. 250**  
**Explanation:**  
1 meter = 100 cm → 2.5 × 100 = 250 cm

Would you like me to continue with **questions 181–200**?

4o

**You said:**

yes

**ChatGPT said:**

Here is the next set of **General Aptitude Questions (181–200)** with answers and explanations:

**181. The product of two numbers is 56. If one number is 7, what is the other number?**

**A. 6**  
**B. 7**  
**C. 8**  
**D. 9**  
**Answer:** **C. 8**  
**Explanation:**  
56 ÷ 7 = 8

**182. If the perimeter of a square is 36 cm, what is the length of one side?**

**A. 6 cm**  
**B. 9 cm**  
**C. 12 cm**  
**D. 18 cm**  
**Answer:** **B. 9 cm**  
**Explanation:**  
Perimeter = 4 × side → side = 36 ÷ 4 = 9 cm

**183. Which number is a prime number?**

**A. 9**  
**B. 11**  
**C. 15**  
**D. 21**  
**Answer:** **B. 11**  
**Explanation:**  
11 has only two factors: 1 and 11.

**184. What is the square of 15?**

**A. 225**  
**B. 250**  
**C. 275**  
**D. 300**  
**Answer:** **A. 225**  
**Explanation:**  
15 × 15 = 225

**185. Simplify: 34+14\frac{3}{4} + \frac{1}{4}43​+41​**

**A. 1**  
**B. 44\frac{4}{4}44​**  
**C. 54\frac{5}{4}45​**  
**D. 32\frac{3}{2}23​**  
**Answer:** **A. 1**  
**Explanation:**  
3+14=44=1\frac{3+1}{4} = \frac{4}{4} = 143+1​=44​=1

**186. If x = 10, what is the value of x2+2xx^2 + 2xx2+2x?**

**A. 100**  
**B. 110**  
**C. 120**  
**D. 130**  
**Answer:** **C. 120**  
**Explanation:**  
x2+2x=100+20=120x^2 + 2x = 100 + 20 = 120x2+2x=100+20=120

**187. Convert 1500 ml to liters.**

**A. 1.5 L**  
**B. 15 L**  
**C. 0.15 L**  
**D. 150 L**  
**Answer:** **A. 1.5 L**  
**Explanation:**  
1000 ml = 1 L → 1500 ml = 1.5 L

**188. Find the missing number: 2, 4, 8, 16, ?**

**A. 18**  
**B. 20**  
**C. 32**  
**D. 30**  
**Answer:** **C. 32**  
**Explanation:**  
Each term is ×2 → 16 × 2 = 32

**189. A shopkeeper gives 10% discount on ₹200. What is the discount amount?**

**A. ₹10**  
**B. ₹15**  
**C. ₹20**  
**D. ₹25**  
**Answer:** **C. ₹20**  
**Explanation:**  
10% of 200 = (10/100) × 200 = ₹20

**190. What is the next prime number after 19?**

**A. 20**  
**B. 21**  
**C. 23**  
**D. 25**  
**Answer:** **C. 23**  
**Explanation:**  
Next prime after 19 is 23

Would you like to continue with **questions 201–220**?

4o

**You said:**

yes

**ChatGPT said:**

Here is the next set of **General Aptitude Questions (201–220)** with answers and explanations:

**201. If 12 pens cost ₹60, what is the cost of 1 pen?**

**A. ₹4**  
**B. ₹5**  
**C. ₹6**  
**D. ₹7**  
**Answer:** **B. ₹5**  
**Explanation:**  
₹60 ÷ 12 = ₹5 per pen

**202. What is the cube of 3?**

**A. 6**  
**B. 9**  
**C. 27**  
**D. 18**  
**Answer:** **C. 27**  
**Explanation:**  
3 × 3 × 3 = 27

**203. Find the LCM of 6 and 8.**

**A. 12**  
**B. 16**  
**C. 24**  
**D. 48**  
**Answer:** **C. 24**  
**Explanation:**  
Multiples of 6: 6, 12, 18, 24...  
Multiples of 8: 8, 16, 24... → LCM = 24

**204. What is 10% of 350?**

**A. 30**  
**B. 35**  
**C. 40**  
**D. 45**  
**Answer:** **B. 35**  
**Explanation:**  
10% of 350 = (10/100) × 350 = 35

**205. If a = 5 and b = 2, what is a2−b2a^2 - b^2a2−b2?**

**A. 21**  
**B. 23**  
**C. 25**  
**D. 27**  
**Answer:** **A. 21**  
**Explanation:**  
25 − 4 = 21

**206. A train covers 240 km in 4 hours. What is its speed?**

**A. 50 km/h**  
**B. 55 km/h**  
**C. 60 km/h**  
**D. 65 km/h**  
**Answer:** **C. 60 km/h**  
**Explanation:**  
Speed = Distance ÷ Time = 240 ÷ 4 = 60 km/h

**207. Which number is a square number?**

**A. 18**  
**B. 20**  
**C. 25**  
**D. 28**  
**Answer:** **C. 25**  
**Explanation:**  
25 = 5 × 5

**208. What is the perimeter of a rectangle with length 10 cm and width 5 cm?**

**A. 25 cm**  
**B. 30 cm**  
**C. 35 cm**  
**D. 40 cm**  
**Answer:** **B. 30 cm**  
**Explanation:**  
Perimeter = 2(l + w) = 2(10 + 5) = 30 cm

**209. Find the simple interest on ₹1000 for 2 years at 5% per annum.**

**A. ₹100**  
**B. ₹90**  
**C. ₹110**  
**D. ₹120**  
**Answer:** **A. ₹100**  
**Explanation:**  
SI = (P × R × T) / 100 = (1000 × 5 × 2) / 100 = ₹100

**210. How many minutes are there in 2.5 hours?**

**A. 120**  
**B. 135**  
**C. 150**  
**D. 180**  
**Answer:** **C. 150**  
**Explanation:**  
2.5 × 60 = 150 minutes

**211. What is the missing number: 5, 10, 20, 40, ?**

**A. 50**  
**B. 60**  
**C. 70**  
**D. 80**  
**Answer:** **D. 80**  
**Explanation:**  
Each number doubles → 40 × 2 = 80

**212. How many edges does a cube have?**

**A. 8**  
**B. 10**  
**C. 12**  
**D. 14**  
**Answer:** **C. 12**  
**Explanation:**  
A cube has 12 edges

**213. Find the value of 23+16\frac{2}{3} + \frac{1}{6}32​+61​**

**A. 12\frac{1}{2}21​**  
**B. 25\frac{2}{5}52​**  
**C. 34\frac{3}{4}43​**  
**D. 56\frac{5}{6}65​**  
**Answer:** **D. 56\frac{5}{6}65​**  
**Explanation:**  
Common denominator = 6 → 46+16=56\frac{4}{6} + \frac{1}{6} = \frac{5}{6}64​+61​=65​

**214. Which number is divisible by 3?**

**A. 17**  
**B. 22**  
**C. 27**  
**D. 31**  
**Answer:** **C. 27**  
**Explanation:**  
27 ÷ 3 = 9

**215. If 4x = 40, what is the value of x?**

**A. 5**  
**B. 6**  
**C. 8**  
**D. 10**  
**Answer:** **D. 10**  
**Explanation:**  
x = 40 ÷ 4 = 10

**216. Which of the following is not a multiple of 4?**

**A. 8**  
**B. 12**  
**C. 18**  
**D. 24**  
**Answer:** **C. 18**  
**Explanation:**  
18 ÷ 4 = 4.5 (not a whole number)

**217. How many weeks are there in a year?**

**A. 50**  
**B. 51**  
**C. 52**  
**D. 53**  
**Answer:** **C. 52**  
**Explanation:**  
365 ÷ 7 ≈ 52 weeks

**218. Find the average of 6, 8, 10, 12.**

**A. 8**  
**B. 9**  
**C. 10**  
**D. 11**  
**Answer:** **C. 9**  
**Explanation:**  
(6 + 8 + 10 + 12) / 4 = 36 / 4 = 9

**219. A pizza is cut into 8 equal slices. If you eat 3 slices, what fraction is left?**

**A. 38\frac{3}{8}83​**  
**B. 48\frac{4}{8}84​**  
**C. 58\frac{5}{8}85​**  
**D. 88\frac{8}{8}88​**  
**Answer:** **C. 58\frac{5}{8}85​**  
**Explanation:**  
8 − 3 = 5 slices → Fraction left = 5/8

**220. The sum of interior angles of a square is:**

**A. 180°**  
**B. 270°**  
**C. 360°**  
**D. 540°**  
**Answer:** **C. 360°**  
**Explanation:**  
Each angle = 90°, and a square has 4 sides → 90 × 4 = 360°

Would you like to continue with **questions 221–240**?

4o

**You said:**

yes continuously write 100 questions

**ChatGPT said:**

Great! Here's a **continuous list of 100 General Aptitude Questions (221–320)** with **answers and explanations**:

**General Aptitude Questions (221–320)**

**221. What is 15% of 200?**

**A. 25**  
**B. 30**  
**C. 35**  
**D. 40**  
**Answer:** **B. 30**  
**Explanation:** 15% of 200 = (15/100) × 200 = 30

**222. A man buys a pen for ₹20 and sells it for ₹25. What is his profit percentage?**

**A. 20%**  
**B. 25%**  
**C. 30%**  
**D. 35%**  
**Answer:** **B. 25%**  
**Explanation:** Profit = 5; % = (5/20)×100 = 25%

**223. What is the square root of 121?**

**A. 10**  
**B. 11**  
**C. 12**  
**D. 13**  
**Answer:** **B. 11**  
**Explanation:** √121 = 11

**224. Simplify: 52+325^2 + 3^252+32**

**A. 34**  
**B. 35**  
**C. 36**  
**D. 37**  
**Answer:** **A. 34**  
**Explanation:** 25 + 9 = 34

**225. A bag contains 3 red, 2 blue, and 5 green balls. How many total balls?**

**A. 8**  
**B. 9**  
**C. 10**  
**D. 11**  
**Answer:** **C. 10**

**226. How many seconds are there in 3 hours?**

**A. 10800**  
**B. 3600**  
**C. 7200**  
**D. 9000**  
**Answer:** **A. 10800**  
**Explanation:** 3 × 60 × 60 = 10800

**227. If the cost of 5 notebooks is ₹75, what is the cost of 1?**

**A. ₹10**  
**B. ₹12**  
**C. ₹15**  
**D. ₹18**  
**Answer:** **C. ₹15**

**228. 0.75 as a fraction is:**

**A. 3/4**  
**B. 2/3**  
**C. 4/5**  
**D. 5/6**  
**Answer:** **A. 3/4**

**229. How many degrees are in a right angle?**

**A. 60°**  
**B. 90°**  
**C. 120°**  
**D. 180°**  
**Answer:** **B. 90°**

**230. Which is the smallest prime number?**

**A. 0**  
**B. 1**  
**C. 2**  
**D. 3**  
**Answer:** **C. 2**

**231. 50% of 80 is:**

**A. 20**  
**B. 30**  
**C. 40**  
**D. 60**  
**Answer:** **C. 40**

**232. Solve: 9 × 9 − 9**

**A. 72**  
**B. 73**  
**C. 80**  
**D. 81**  
**Answer:** **A. 72**

**233. A triangle has angles: 50°, 60°, \_\_\_\_. Find the third angle.**

**A. 60°**  
**B. 70°**  
**C. 80°**  
**D. 90°**  
**Answer:** **C. 70°**

**234. What is 1/4 of 1/2?**

**A. 1/2**  
**B. 1/4**  
**C. 1/8**  
**D. 1/6**  
**Answer:** **C. 1/8**

**235. A dozen bananas cost ₹60. What is the cost of 1 banana?**

**A. ₹5**  
**B. ₹4**  
\*\*C. ₹6

4o

**You said:**

yes continuously write 100 questions with explanation

**ChatGPT said:**

Certainly! Here’s a continuous set of **100 General Aptitude Questions (221–320)** with answers and explanations:

**General Aptitude Questions (221–320)**

**221. What is 15% of 200?**

**A. 25**  
**B. 30**  
**C. 35**  
**D. 40**  
**Answer:** **B. 30**  
**Explanation:**  
15% of 200 = (15/100) × 200 = 30

**222. A man buys a pen for ₹20 and sells it for ₹25. What is his profit percentage?**

**A. 20%**  
**B. 25%**  
**C. 30%**  
**D. 35%**  
**Answer:** **B. 25%**  
**Explanation:**  
Profit = Selling Price − Cost Price = 25 − 20 = 5.  
Profit Percentage = (Profit / Cost Price) × 100 = (5 / 20) × 100 = 25%

**223. What is the square root of 121?**

**A. 10**  
**B. 11**  
**C. 12**  
**D. 13**  
**Answer:** **B. 11**  
**Explanation:**  
√121 = 11

**224. Simplify: 52+325^2 + 3^252+32**

**A. 34**  
**B. 35**  
**C. 36**  
**D. 37**  
**Answer:** **A. 34**  
**Explanation:**  
52+32=25+9=345^2 + 3^2 = 25 + 9 = 3452+32=25+9=34

**225. A bag contains 3 red, 2 blue, and 5 green balls. How many total balls?**

**A. 8**  
**B. 9**  
**C. 10**  
**D. 11**  
**Answer:** **C. 10**  
**Explanation:**  
Total balls = 3 + 2 + 5 = 10

**226. How many seconds are there in 3 hours?**

**A. 10800**  
**B. 3600**  
**C. 7200**  
**D. 9000**  
**Answer:** **A. 10800**  
**Explanation:**  
3 hours = 3 × 60 × 60 = 10800 seconds

**227. If the cost of 5 notebooks is ₹75, what is the cost of 1?**

**A. ₹10**  
**B. ₹12**  
**C. ₹15**  
**D. ₹18**  
**Answer:** **C. ₹15**  
**Explanation:**  
Cost of 1 notebook = ₹75 ÷ 5 = ₹15

**228. 0.75 as a fraction is:**

**A. 3/4**  
**B. 2/3**  
**C. 4/5**  
**D. 5/6**  
**Answer:** **A. 3/4**  
**Explanation:**  
0.75 = 75/100 = 3/4

**229. How many degrees are in a right angle?**

**A. 60°**  
**B. 90°**  
**C. 120°**  
**D. 180°**  
**Answer:** **B. 90°**  
**Explanation:**  
A right angle is 90°.

**230. Which is the smallest prime number?**

**A. 0**  
**B. 1**  
**C. 2**  
**D. 3**  
**Answer:** **C. 2**  
**Explanation:**  
2 is the smallest prime number.

**231. 50% of 80 is:**

**A. 20**  
**B. 30**  
**C. 40**  
**D. 60**  
**Answer:** **C. 40**  
**Explanation:**  
50% of 80 = (50/100) × 80 = 40

**232. Solve: 9 × 9 − 9**

**A. 72**  
**B. 73**  
**C. 80**  
**D. 81**  
**Answer:** **A. 72**  
**Explanation:**  
9 × 9 − 9 = 81 − 9 = 72

**233. A triangle has angles: 50°, 60°, \_\_\_\_. Find the third angle.**

**A. 60°**  
**B. 70°**  
**C. 80°**  
**D. 90°**  
**Answer:** **C. 70°**  
**Explanation:**  
Sum of angles in a triangle = 180°.  
50° + 60° = 110°, so the third angle is 180° − 110° = 70°.

**234. What is 1/4 of 1/2?**

**A. 1/2**  
**B. 1/4**  
**C. 1/8**  
**D. 1/6**  
**Answer:** **C. 1/8**  
**Explanation:**  
1/4 × 1/2 = 1/8

**235. A dozen bananas cost ₹60. What is the cost of 1 banana?**

**A. ₹5**  
**B. ₹4**  
**C. ₹6**  
**D. ₹3**  
**Answer:** **A. ₹5**  
**Explanation:**  
Cost of 1 banana = ₹60 ÷ 12 = ₹5

**236. What is the sum of the first 10 natural numbers?**

**A. 45**  
**B. 50**  
**C. 55**  
**D. 60**  
**Answer:** **C. 55**  
**Explanation:**  
Sum of first n natural numbers = n(n+1)2\frac{n(n + 1)}{2}2n(n+1)​  
Sum of first 10 numbers = 10(10+1)2=55\frac{10(10 + 1)}{2} = 55210(10+1)​=55

**237. If a man travels 50 km in 2 hours, what is his speed?**

**A. 20 km/h**  
**B. 25 km/h**  
**C. 30 km/h**  
**D. 35 km/h**  
**Answer:** **B. 25 km/h**  
**Explanation:**  
Speed = Distance ÷ Time = 50 ÷ 2 = 25 km/h

**238. What is the value of 8²?**

**A. 58**  
**B. 64**  
**C. 72**  
**D. 81**  
**Answer:** **B. 64**  
**Explanation:**  
8² = 8 × 8 = 64

**239. What is the perimeter of a square with side length 5 cm?**

**A. 15 cm**  
**B. 20 cm**  
**C. 25 cm**  
**D. 30 cm**  
**Answer:** **B. 20 cm**  
**Explanation:**  
Perimeter of square = 4 × side length = 4 × 5 = 20 cm

**240. What is the area of a rectangle with length 8 cm and breadth 6 cm?**

**A. 48 cm²**  
**B. 42 cm²**  
**C. 50 cm²**  
**D. 56 cm²**  
**Answer:** **A. 48 cm²**  
**Explanation:**  
Area = Length × Breadth = 8 × 6 = 48 cm²

**241. If a car runs 40 km in 30 minutes, what is the speed of the car in km/h?**

**A. 70 km/h**  
**B. 80 km/h**  
**C. 100 km/h**  
**D. 120 km/h**  
**Answer:** **B. 80 km/h**  
**Explanation:**  
Speed = Distance ÷ Time  
In 30 minutes (0.5 hours), the car runs 40 km, so speed = 40 ÷ 0.5 = 80 km/h.

**242. What is the smallest even number?**

**A. 0**  
**B. 2**  
**C. 4**  
**D. 6**  
**Answer:** **A. 0**  
**Explanation:**  
0 is the smallest even number.

**243. A man invests ₹5000 at 5% simple interest per annum. What is the interest earned in 2 years?**

**A. ₹200**  
**B. ₹250**  
**C. ₹300**  
**D. ₹350**  
**Answer:** **B. ₹250**  
**Explanation:**  
SI = P×R×T100=5000×5×2100=250\frac{P \times R \times T}{100} = \frac{5000 \times 5 \times 2}{100} = 250100P×R×T​=1005000×5×2​=250

**244. If the area of a circle is 154 cm², what is its radius?**

**A. 7 cm**  
**B. 8 cm**  
**C. 10 cm**  
**D. 12 cm**  
**Answer:** **A. 7 cm**  
**Explanation:**  
Area of a circle = πr² → 154 = 22/7 × r² → r² = 49 → r = 7 cm

**245. A car travels at 60 km/h for 2 hours. How far has it traveled?**

**A. 100 km**  
**B. 120 km**  
**C. 130 km**  
**D. 140 km**  
**Answer:** **B. 120 km**  
**Explanation:**  
Distance = Speed × Time = 60 × 2 = 120 km

**246. What is the value of 10310^3103?**

**A. 100**  
**B. 1000**  
**C. 10000**  
**D. 100000**  
**Answer:** **B. 1000**  
**Explanation:**  
103=10×10×10=100010^3 = 10 × 10 × 10 = 1000103=10×10×10=1000

**247. A shopkeeper gives 10% discount on ₹500. What is the discount?**

**A. ₹40**  
**B. ₹45**  
**C. ₹50**  
**D. ₹55**  
**Answer:** **C. ₹50**  
**Explanation:**  
Discount = 10% of ₹500 = (10/100) × 500 = ₹50

**248. How many seconds are there in an hour?**

**A. 3600**  
**B. 3800**  
**C. 4000**  
**D. 4200**  
**Answer:** **A. 3600**  
**Explanation:**  
1 hour = 60 × 60 = 3600 seconds

**249. What is the cube of 5?**

**A. 120**  
**B. 125**  
**C. 130**  
**D. 135**  
**Answer:** **B. 125**  
**Explanation:**  
5 × 5 × 5 = 125

**250. A sum of ₹5000 is invested at 6% annual interest. What is the amount after 1 year?**

**A. ₹5300**  
**B. ₹5400**  
**C. ₹5500**  
**D. ₹5600**  
**Answer:** **B. ₹5400**  
**Explanation:**  
Amount = Principal + Interest = ₹5000 + (₹5000 × 6/100) = ₹5000 + ₹300 = ₹5400

**251. What is the value of 12+13\frac{1}{2} + \frac{1}{3}21​+31​?**

**A. 56\frac{5}{6}65​**  
**B. 15\frac{1}{5}51​**  
**C. 45\frac{4}{5}54​**  
**D. 76\frac{7}{6}67​**  
**Answer:** **A. 56\frac{5}{6}65​**  
**Explanation:**  
LCM of 2 and 3 is 6.  
12+13=36+26=56\frac{1}{2} + \frac{1}{3} = \frac{3}{6} + \frac{2}{6} = \frac{5}{6}21​+31​=63​+62​=65​

**252. What is 10% of ₹300?**

**A. ₹20**  
**B. ₹25**  
**C. ₹30**  
**D. ₹35**  
**Answer:** **C. ₹30**  
**Explanation:**  
10% of ₹300 = (10/100) × 300 = ₹30

**253. What is the perimeter of a rectangle with length 6 cm and breadth 4 cm?**

**A. 18 cm**  
**B. 20 cm**  
**C. 22 cm**  
**D. 24 cm**  
**Answer:** **B. 20 cm**  
**Explanation:**  
Perimeter = 2 × (Length + Breadth) = 2 × (6 + 4) = 2 × 10 = 20 cm

**254. The product of two consecutive numbers is 72. What are the numbers?**

**A. 8 and 9**  
**B. 6 and 12**  
**C. 7 and 8**  
**D. 9 and 10**  
**Answer:** **A. 8 and 9**  
**Explanation:**  
8 × 9 = 72

**255. Solve for x: 5x=455x = 455x=45**

**A. x = 9**  
**B. x = 8**  
**C. x = 10**  
**D. x = 7**  
**Answer:** **A. x = 9**  
**Explanation:**  
x = 45 ÷ 5 = 9

**256. How many faces does a cube have?**

**A. 4**  
**B. 5**  
**C. 6**  
**D. 7**  
**Answer:** **C. 6**  
**Explanation:**  
A cube has 6 faces.

**257. What is the value of 242^424?**

**A. 16**  
**B. 14**  
**C. 12**  
**D. 10**  
**Answer:** **A. 16**  
**Explanation:**  
24=2×2×2×2=162^4 = 2 \times 2 \times 2 \times 2 = 1624=2×2×2×2=16

**258. If a car runs 60 km in 2 hours, what is its speed?**

**A. 25 km/h**  
**B. 30 km/h**  
**C. 40 km/h**  
**D. 50 km/h**  
**Answer:** **B. 30 km/h**  
**Explanation:**  
Speed = Distance ÷ Time = 60 ÷ 2 = 30 km/h

**259. Find the area of a circle with radius 7 cm.**

**A. 154 cm²**  
**B. 150 cm²**  
**C. 140 cm²**  
**D. 120 cm²**  
**Answer:** **A. 154 cm²**  
**Explanation:**  
Area of circle = πr² = 22/7 × 7 × 7 = 154 cm²

**260. A rectangle has a length of 10 cm and a width of 5 cm. What is its area?**

**A. 40 cm²**  
**B. 45 cm²**  
**C. 50 cm²**  
**D. 55 cm²**  
**Answer:** **C. 50 cm²**  
**Explanation:**  
Area = Length × Width = 10 × 5 = 50 cm²

**261. Solve for x: 3x−7=113x − 7 = 113x−7=11**

**A. x = 5**  
**B. x = 6**  
**C. x = 7**  
**D. x = 8**  
**Answer:** **A. x = 6**  
**Explanation:**  
3x = 11 + 7 = 18 → x = 18 ÷ 3 = 6

**262. What is the cube of 4?**

**A. 16**  
**B. 32**  
**C. 64**  
**D. 80**  
**Answer:** **C. 64**  
**Explanation:**  
4 × 4 × 4 = 64

**263. What is the sum of angles in a triangle?**

**A. 180°**  
**B. 200°**  
**C. 360°**  
**D. 90°**  
**Answer:** **A. 180°**  
**Explanation:**  
The sum of the angles in any triangle is always 180°.

**264. What is the next number in the sequence: 2, 4, 8, 16, \_\_?**

**A. 18**  
**B. 32**  
**C. 64**  
**D. 128**  
**Answer:** **B. 32**  
**Explanation:**  
Each number is double the previous one.  
16 × 2 = 32

**265. How many faces does a cylinder have?**

**A. 1**  
**B. 2**  
**C. 3**  
**D. 4**  
**Answer:** **C. 3**  
**Explanation:**  
A cylinder has 2 circular faces and 1 curved face, totaling 3 faces.

**266. The perimeter of a square is 20 cm. What is the length of one side?**

**A. 5 cm**  
**B. 10 cm**  
**C. 15 cm**  
**D. 20 cm**  
**Answer:** **A. 5 cm**  
**Explanation:**  
Perimeter = 4 × side length → side length = Perimeter ÷ 4 = 20 ÷ 4 = 5 cm

**267. The sum of two numbers is 90. If one number is 30, what is the other?**

**A. 60**  
**B. 70**  
**C. 80**  
**D. 90**  
**Answer:** **A. 60**  
**Explanation:**  
Other number = 90 − 30 = 60

**268. What is 25% of 80?**

**A. 15**  
**B. 20**  
**C. 25**  
**D. 30**  
**Answer:** **B. 20**  
**Explanation:**  
25% of 80 = (25/100) × 80 = 20

**269. The square of 8 is:**

**A. 64**  
**B. 72**  
**C. 80**  
**D. 100**  
**Answer:** **A. 64**  
**Explanation:**  
8 × 8 = 64

**270. What is the area of a triangle with base 8 cm and height 5 cm?**

**A. 10 cm²**  
**B. 15 cm²**  
**C. 20 cm²**  
**D. 25 cm²**  
**Answer:** **B. 15 cm²**  
**Explanation:**  
Area = 12×base×height=12×8×5=15 cm2\frac{1}{2} \times \text{base} \times \text{height} = \frac{1}{2} \times 8 \times 5 = 15 \, \text{cm}²21​×base×height=21​×8×5=15cm2

**271. What is the value of 252^525?**

**A. 16**  
**B. 25**  
**C. 32**  
**D. 64**  
**Answer:** **C. 32**  
**Explanation:**  
25=2×2×2×2×2=322^5 = 2 × 2 × 2 × 2 × 2 = 3225=2×2×2×2×2=32

**272. What is the sum of angles in a quadrilateral?**

**A. 360°**  
**B. 270°**  
**C. 180°**  
**D. 90°**  
**Answer:** **A. 360°**  
**Explanation:**  
The sum of the angles in any quadrilateral is 360°.

**273. What is the value of 636^363?**

**A. 216**  
**B. 125**  
**C. 100**  
**D. 64**  
**Answer:** **A. 216**  
**Explanation:**  
63=6×6×6=2166^3 = 6 × 6 × 6 = 21663=6×6×6=216

**274. A car travels 80 km in 2 hours. What is its average speed?**

**A. 35 km/h**  
**B. 40 km/h**  
**C. 50 km/h**  
**D. 60 km/h**  
**Answer:** **B. 40 km/h**  
**Explanation:**  
Speed = Distance ÷ Time = 80 ÷ 2 = 40 km/h

**275. How many vertices does a cube have?**

**A. 4**  
**B. 6**  
**C. 8**  
**D. 10**  
**Answer:** **C. 8**  
**Explanation:**  
A cube has 8 vertices.

**276. What is the area of a square with side 4 cm?**

**A. 12 cm²**  
**B. 16 cm²**  
**C. 20 cm²**  
**D. 24 cm²**  
**Answer:** **B. 16 cm²**  
**Explanation:**  
Area = Side² = 4 × 4 = 16 cm²

**277. A rectangle has a length of 10 cm and a breadth of 6 cm. What is its perimeter?**

**A. 32 cm**  
**B. 36 cm**  
**C. 40 cm**  
**D. 50 cm**  
**Answer:** **B. 32 cm**  
**Explanation:**  
Perimeter = 2 × (Length + Breadth) = 2 × (10 + 6) = 2 × 16 = 32 cm

**278. The sum of two consecutive numbers is 71. What are the numbers?**

**A. 34 and 35**  
**B. 35 and 36**  
**C. 36 and 37**  
**D. 38 and 39**  
**Answer:** **A. 34 and 35**  
**Explanation:**  
34 + 35 = 71

**279. What is 10 raised to the power 4?**

**A. 10000**  
**B. 1000**  
**C. 100**  
**D. 10**  
**Answer:** **A. 10000**  
**Explanation:**  
104=10×10×10×10=1000010^4 = 10 \times 10 \times 10 \times 10 = 10000104=10×10×10×10=10000

**280. If 7 apples cost ₹49, what is the cost of 3 apples?**

**A. ₹15**  
**B. ₹18**  
**C. ₹20**  
**D. ₹25**  
**Answer:** **B. ₹21**  
**Explanation:**  
Cost of 1 apple = ₹49 ÷ 7 = ₹7  
Cost of 3 apples = ₹7 × 3 = ₹21

**281. What is the area of a square with a side of 9 cm?**

**A. 81 cm²**  
**B. 72 cm²**  
**C. 90 cm²**  
**D. 99 cm²**  
**Answer:** **A. 81 cm²**  
**Explanation:**  
Area = Side² = 9 × 9 = 81 cm²

**282. A person travels 40 km in 1 hour. What is his speed?**

**A. 30 km/h**  
**B. 40 km/h**  
**C. 50 km/h**  
**D. 60 km/h**  
**Answer:** **B. 40 km/h**  
**Explanation:**  
Speed = Distance ÷ Time = 40 ÷ 1 = 40 km/h

**283. What is the value of 32+233^2 + 2^332+23?**

**A. 17**  
**B. 18**  
**C. 20**  
**D. 21**  
**Answer:** **A. 17**  
**Explanation:**  
32+23=9+8=173^2 + 2^3 = 9 + 8 = 1732+23=9+8=17

**284. A number is divisible by both 3 and 4. Which of the following is divisible by 12?**

**A. 6**  
**B. 9**  
**C. 12**  
**D. 15**  
**Answer:** **C. 12**  
**Explanation:**  
A number divisible by both 3 and 4 is also divisible by 12.

**285. If a number is divisible by 5, what is the last digit of the number?**

**A. 0 or 5**  
**B. 1**  
**C. 2**  
**D. 3**  
**Answer:** **A. 0 or 5**  
**Explanation:**  
Any number divisible by 5 ends with 0 or 5.

**286. What is the value of (33)+(23)(3^3) + (2^3)(33)+(23)?**

**A. 27 + 8 = 35**  
**B. 28 + 9 = 37**  
**C. 25 + 7 = 30**  
**D. 24 + 10 = 34**  
**Answer:** **A. 35**  
**Explanation:**  
33=273^3 = 2733=27, 23=82^3 = 823=8, so 27 + 8 = 35.

**287. A triangle has sides 5 cm, 12 cm, and 13 cm. What is the area?**

**A. 30 cm²**  
**B. 35 cm²**  
**C. 40 cm²**  
**D. 45 cm²**  
**Answer:** **A. 30 cm²**  
**Explanation:**  
Area = 12×5×12=30 cm2\frac{1}{2} \times 5 \times 12 = 30 \, \text{cm}²21​×5×12=30cm2

**288. What is the perimeter of a rectangle with length 9 cm and width 4 cm?**

**A. 20 cm**  
**B. 25 cm**  
**C. 26 cm**  
**D. 27 cm**  
**Answer:** **C. 26 cm**  
**Explanation:**  
Perimeter = 2 × (Length + Width) = 2 × (9 + 4) = 2 × 13 = 26 cm

**289. What is the value of 727^272?**

**A. 49**  
**B. 56**  
**C. 64**  
**D. 72**  
**Answer:** **A. 49**  
**Explanation:**  
72=7×7=497^2 = 7 \times 7 = 4972=7×7=49

**290. A man sells an item for ₹240 after a discount of 20%. What is the original price?**

**A. ₹300**  
**B. ₹320**  
**C. ₹350**  
**D. ₹400**  
**Answer:** **A. ₹300**  
**Explanation:**  
Selling Price = 80% of Original Price.  
Let the original price be ₹x.  
80% of x = ₹240 → x = ₹240 ÷ 0.8 = ₹300.

**291. What is the value of 434^343?**

**A. 64**  
**B. 128**  
**C. 32**  
**D. 16**  
**Answer:** **A. 64**  
**Explanation:**  
43=4×4×4=644^3 = 4 \times 4 \times 4 = 6443=4×4×4=64

**292. What is the value of (6×7)−(3×5)(6 \times 7) − (3 \times 5)(6×7)−(3×5)?**

**A. 15**  
**B. 18**  
**C. 20**  
**D. 25**  
**Answer:** **B. 18**  
**Explanation:**  
(6 × 7) − (3 × 5) = 42 − 15 = 18

**293. Find the volume of a cube with a side of 3 cm.**

**A. 27 cm³**  
**B. 24 cm³**  
**C. 36 cm³**  
**D. 9 cm³**  
**Answer:** **A. 27 cm³**  
**Explanation:**  
Volume = Side³ = 3³ = 27 cm³

**294. A car travels at 60 km/h for 2 hours. What is the distance traveled?**

**A. 100 km**  
**B. 120 km**  
**C. 130 km**  
**D. 140 km**  
**Answer:** **B. 120 km**  
**Explanation:**  
Distance = Speed × Time = 60 × 2 = 120 km

**295. What is the perimeter of a square with side 6 cm?**

**A. 24 cm**  
**B. 26 cm**  
**C. 28 cm**  
**D. 30 cm**  
**Answer:** **A. 24 cm**  
**Explanation:**  
Perimeter = 4 × Side = 4 × 6 = 24 cm

**296. A number is divisible by both 4 and 6. What is the smallest such number?**

**A. 12**  
**B. 24**  
**C. 36**  
**D. 48**  
**Answer:** **A. 12**  
**Explanation:**  
The smallest number divisible by both 4 and 6 is the Least Common Multiple (LCM) of 4 and 6, which is 12.

**297. What is the value of 10310^3103?**

**A. 1000**  
**B. 10000**  
**C. 100**  
**D. 100000**  
**Answer:** **A. 1000**  
**Explanation:**  
103=100010^3 = 1000103=1000

**298. If 4 oranges cost ₹20, what is the cost of 10 oranges?**

**A. ₹45**  
**B. ₹50**  
**C. ₹55**  
**D. ₹60**  
**Answer:** **B. ₹50**  
**Explanation:**  
Cost of 1 orange = ₹20 ÷ 4 = ₹5  
Cost of 10 oranges = ₹5 × 10 = ₹50

**299. What is the square root of 49?**

**A. 5**  
**B. 6**  
**C. 7**  
**D. 8**  
**Answer:** **C. 7**  
**Explanation:**  
The square root of 49 is 7.

**300. What is the value of 12212^2122?**

**A. 144**  
**B. 156**  
**C. 120**  
**D. 130**  
**Answer:** **A. 144**  
**Explanation:**  
122=12×12=14412^2 = 12 \times 12 = 144122=12×12=144