


INDIAN SCHOOL AL WADI AL KABIR
 Class VI, Mathematics (2024-2025)
WORKSHEET (MCQ & CASE STUDY) - WHOLE NUMBERS

Multiple Choice Questions

| | | | | | | | | |
|-------------|---|------------|----------|--------------|----------|---------------|----------|---------------------|
| Q.1. | The smallest natural number is | | | | | | | |
| | A | 0 | B | 1 | C | -1 | D | 2 |
| Q.2. | The product of the successor and predecessor of 99 is | | | | | | | |
| | A | 9800 | B | 9900 | C | 1099 | D | 9700 |
| Q.3. | The successor of smallest prime number is | | | | | | | |
| | A | 1 | B | 2 | C | 3 | D | 4 |
| Q.4. | Which of the following will not represent 0? | | | | | | | |
| | A | $1 \div 0$ | B | 0×0 | C | $\frac{0}{2}$ | D | $\frac{10 - 10}{2}$ |
| Q.5. | Largest 3 digit number formed by 8,5,9 | | | | | | | |
| | A | 859 | B | 958 | C | 985 | D | 589 |
| Q.6. | The school canteen charges Rs. 20 for lunch and Rs. 4 for milk each day. How much money do you spend in 5 days on these things? | | | | | | | |
| | A | Rs 120 | B | Rs 80 | C | Rs 100 | D | Rs 180 |
| Q.7. | Find the product of the greatest 3-digit number and the smallest 2-digit number. | | | | | | | |
| | A | 9999 | B | 100000 | C | 9990 | D | 99980 |
| Q.8. | Using the properties of whole numbers, find the value of the following in suitable way: $945 \times 4 \times 25$ | | | | | | | |
| | A | 94500 | B | 95400 | C | 95500 | D | 9555 |

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|--------------|--|--------|----------|--------|----------|--------|---|----------|
| Q.9. | If you're on a diet and have a breakfast consisting of 150 calories, a lunch consisting of 350 calories, and a dinner consisting of 1000 calories, then find the sum of the calories consumed that day? | | | | | | | |
| | A | 1000 | B | 1150 | C | 1500 | D | 500 |
| Q.10. | How many whole numbers are there between 32 and 53? | | | | | | | |
| | A | 10 | B | 20 | C | 15 | D | infinite |
| | Source-based questions: A school principal places orders for 85 chairs and 25 tables with a dealer. Each chair cost ₹180 and each table cost ₹140. If the principal has given ₹2500 to the dealer as an advance money, then based on the given information answer the following questions: | | | | | | | |
| Q 11. | Find the cost of 85 chairs? | | | | | | | |
| | A | ₹15300 | B | ₹1500 | C | ₹1530 | D | ₹1330 |
| Q 12. | Find the cost of 25 tables? | | | | | | | |
| | A | ₹2500 | B | ₹3000 | C | ₹3500 | D | ₹1500 |
| Q 13. | What will be the total cost of chairs and tables? | | | | | | | |
| | A | ₹18000 | B | ₹18800 | C | ₹1800 | D | ₹18880 |
| Q 14. | Find the balance amount to be paid to the dealer? | | | | | | | |
| | A | ₹16000 | B | ₹1630 | C | ₹16300 | D | ₹11300 |
| Q 15. | Find the difference in the cost of 85 chairs and 25 tables? | | | | | | | |
| | A | ₹11000 | B | ₹11800 | C | ₹1180 | D | ₹1800 |
| Q16. | <p><u>Case study questions:</u></p> <p>A housing complex built by DLF consists of 25 large buildings and 40 small buildings. Each of the large buildings has 15 floors with four apartments on each floor, and each small building has nine floors with three apartments on each floor. Based on the above information, answer the following. (CBQ)</p> <ol style="list-style-type: none"> How many buildings are there in all? What is the total number of apartments in large buildings? What is the total number of apartments in small buildings? How many apartments are there in all? | | | | | |  | |

ANSWERS

| | | | | | | | |
|------------|----------|------------|----------|------------|----------|------------|--|
| 1. | B | 2. | A | 3. | C | 4. | A |
| 5. | C | 6. | A | 7. | C | 8. | A |
| 9. | C | 10. | B | 11. | A | 12. | C |
| 13. | B | 14. | C | 15. | B | 16. | (1) 65 (2) 1500 (3) 1080 (4) 2580 |
