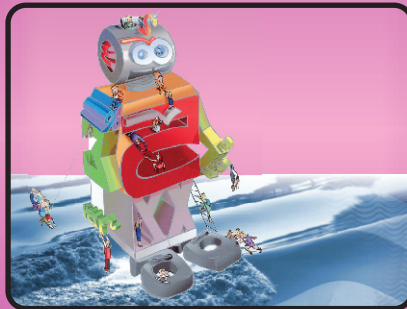


EtG

OLYMPIAD EXPLORER



Workbook for
Nationwide Interactive **MATHS** Olympiad & Other
National/International Olympiads/Talent Search Exams.

Based on CBSE, ICSE, GCSE, State Board Syllabus & NCF (NCERT)

100's of Q's with answers

- Chapterwise Practice Q's
- Revision Q's
- Sample Paper



Class

4

EDUHEAL FOUNDATION

• LEARNING FOR LIFE •

EduHeal Foundation conducts 5 Olympiads annually reaching out to 3,500 + Schools
• 4 Lakh + Students • 50,000 Coordinating Teachers and having 500 Resource persons
in English / Maths / Science / Biotech / Computer & 300 Regional Coordinators.

PRIZES



WORKSHOP • TEACHER TRAINING PROG. • MAGAZINE/LAB GRANT • PRINCIPAL LEADERSHIP AWARD.

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SYLLABUS GUIDELINES

CLASS - IV

Based on CBSE, ICSE & GCSE Syllabus
& NCF guidelines devised by NCERT.

1. Geometric Shapes & Spatial Understanding

- Draws a circle free hand and with compass.
- Identifies centre, radius and diameter of a circle.
- Uses Tangrams to create different shapes.
- Tiles geometrical shapes: using one or two shapes.
- Selects a tile among a given number of tiles that can tile a given region both intuitively and experimentally.
- Explores intuitively the area and perimeter of simple shapes.
- Makes 4 faced, 5 faced and 6 faced cubes from given nets especially designed for the same.
- Explores intuitively the reflections through inkblots, paper cutting and paper folding.
- Reads and draws 3D objects, making use of the familiarity with the conventions used in this.
- Draws intuitively the plane, elevation and side view of simple diagram.

2. Numbers and Operations

- Writes multiplication facts.
- Writes tables upto 10x10.
- Multiplies two and three digit numbers using lattice algorithm and the standard (column) algorithm.
- Divides a given number by another number in various ways such as:
 - by drawing dots.
 - by grouping.
 - by using multiplication facts.
 - by repeated subtraction.
- Applies the four operations to life situations.
- Frames word problems.
- Estimates sums, differences and products of given numbers.

3. Mental Arithmetic

- Adds and subtracts multiples of 10 and 100, mentally.
- Completes multiplication facts by adding partial products, mentally (e.g. $7 \times 6 = 5 \times 6 + 2 \times 6$).

4. Fractional Numbers

- Identifies half, one fourth and threefourths of a whole.
- Identifies the symbols, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$.
- Explains the meaning of $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{3}{4}$.
- Appreciates equivalence of $\frac{2}{4}$ and $\frac{1}{2}$ and of $\frac{2}{2}$, $\frac{3}{3}$, $\frac{4}{4}$ and 1.

5. Money

- Converts Rupees to Paise.
- Adds and subtracts amounts using column addition and subtraction with regrouping.
- Uses operations to find totals, change, multiple costs and unit cost.
- Estimates roughly the totals and total cost.

6. Measurement Length

- Relates metre with centimetre.
- Converts metre into centimetres and vice versa.
- Solves problems involving length and distances.
- Estimates length of an object and distance between two given locations.

7. Weight

- Weighs objects using a balance and standard units.
- Determines sums and differences of weights.
- Estimates the weight of an object and verifies using a balance.

8. Volume

- Measures volumes of given liquid using containers marked with standard units.
- Determines sums and differences of volumes.
- Estimates the volume of a liquid contained in a vessel and verifies by measuring.

9. Time

- Computes the number of weeks in a year.
- Correlates the number of days in a year with the number of days in each month.
- Justifies the reason for the need of a leap year.
- Reads clock time to the nearest hours and minutes.
- Expresses time, using the terms, 'a.m.' and 'p.m.'
- Estimates the duration of familiar events.
- Finds approximate time elapsed by (to the nearest hour) forward counting.
- Computes the number of days between two dates.

10. Data Handling

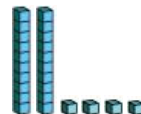
- Collects data and represents in the form of bar graphs.
- Draws Inferences by discussing with the teacher.

11. Patterns

- Identifies patterns in multiplication and division, multiples of 9
- Casts out nines from a given number to check if it is a multiple of nine.
- Multiplies and divides by 10s, 100s.
- Identifies geometrical patterns based on symmetry.

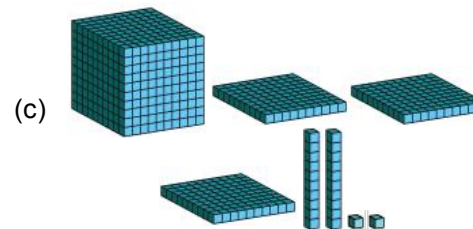
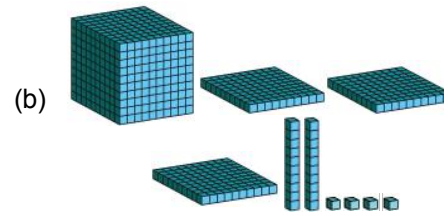
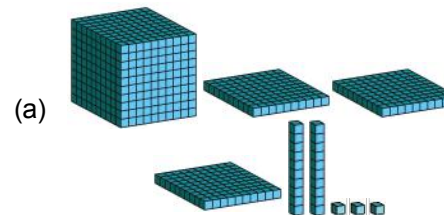


Q.1. What number is shown?



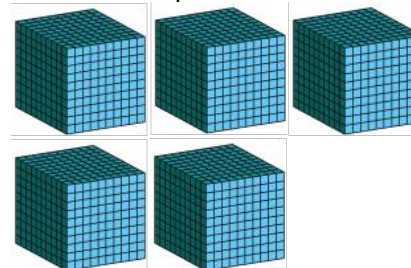
- (a) 26 (b) 24 (c) 25 (d) none of these

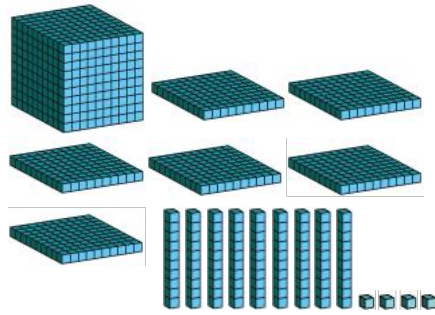
Q.2. Which place-value model shows 1,323?



- (d) none of these

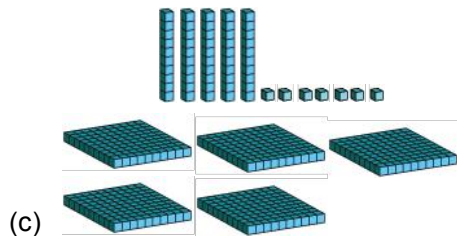
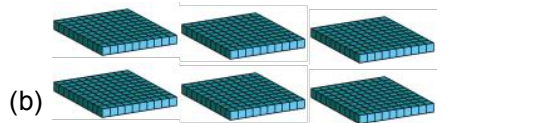
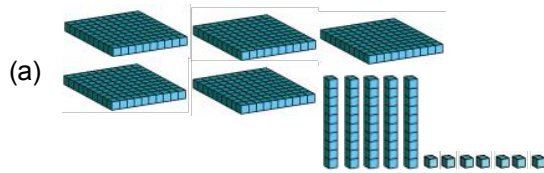
Q.3. What number the place value model shows?





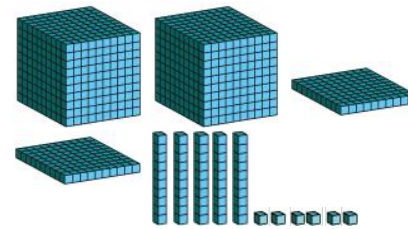
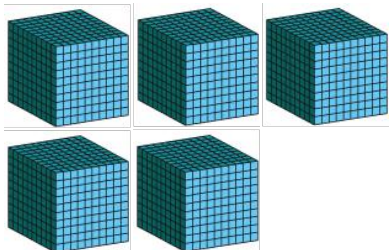
- (a) 6094 (b) 6694 (c) 6392 (d) none of these

Q.4. Which place-value model shows 557?



- (d) none of these

Q.5. What number does the place value model shows?



- (a) 7257
(b) 6256
(c) 7256
(d) none of these

Q.6. How do you write four thousand using digits?

- (a) 400 (b) 4000 (c) 40000 (d) none of these

Q.7. _____ thousands = 900 tens

- (a) 90 (b) 9 (c) 900 (d) none of these

Q.8. How do you write 5,104 using words?

- (a) five thousand, one hundred four
(b) five thousand, one hundred two
(c) five thousand, one hundred twenty-four
(d) five thousand, three hundred four

Q.9. How do you write eight thousand and six using digits?

- (a) 8,060 (b) 8,600 (c) 8,006 (d) 8,066

Q.10. How would you write four thousand forty two in numeral?

- (a) 442 (b) 4420 (c) 4042 (d) none of these

Q.11. Is 10 a prime number?

- (a) yes (b) no (c) can't say (d) none of these

Q.12. Is 7 a prime number?

- (a) yes (b) no (c) can't say (d) none of these

Q.13. Which is not a prime number?

- (a) 5 (b) 17 (c) 23 (d) 8

Q.14. Is 9×1 even or odd?

- (a) even (b) prime (c) odd (d) none of these

Q.15. Is $17 + 47$ even or odd?

- (a) even (b) prime (c) odd (d) none of these

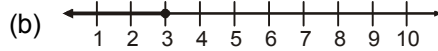
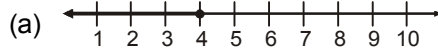
Q.16. Is 3×9 even or odd?

- (a) even (b) prime (c) odd (d) none of these

Q.17. Is 1×1 even or odd?

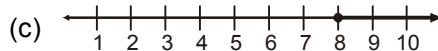
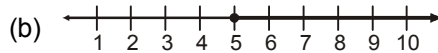
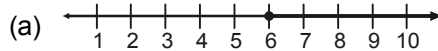
- (a) even (b) prime (c) odd (d) none of these

Q.18. Which number line shows the number that are less than or equal to 4?



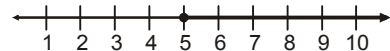
(d) none of these

Q.19. Which number line shows the numbers that are greater than 5?



(d) none of these

Q.20. What does this number line show?



- (a) greater than 6 (b) greater than 5
(c) greater than 4 (d) less than or equal to 4

Q.21. The following table shows the number of steel cups sold by Vishal in past week.

Steel Cups sold	
Day	Number of cups
Wednesday	317
Thursday	337
Friday	371
Saturday	313

On which day did Vishal sold the fewest steel cups?

- (a) Wednesday (b) Thursday
(c) Friday (d) Saturday

Q.22. Deepak spent few minutes at drama rehearsal in the past 4 days.

Minutes spent rehearsing	
Day	Minutes
Tuesday	161
Wednesday	112
Thursday	164
Friday	146

On which day did Deepak rehearse the most?

- (a) Tuesday (b) Wednesday
(c) Thursday (d) Friday

Q.23. Which number is largest?

- (a) 2,664 (b) 8,764 (c) 3,656 (d) 8,707

Q.24. Which number is smallest?

- (a) 4,442 (b) 1,037 (c) 3,658 (d) 1,307

Q.25. Which number is smallest?

- (a) 1,994 (b) 1,999 (c) 4,991 (d) 1,099

Q.26. The smallest four digit number added with largest four digit number is

- (a) 9999 (b) 10999 (c) 10099 (d) none of these

Q.27. Which is arranged in the sequence from largest to smallest?

- (a) 3375, 3557, 3215, 3251
(b) 5775, 5757, 5557, 5373
(c) 7359, 7539, 7953, 7395
(d) none of these

Q.28. How will you write 3274 in other form?

- (a) 3000 + 700 + 20 + 4 (b) 3000 + 200 + 70 + 4
(c) 3000 + 400 + 70 + 2 (d) none of these

Q.29. The largest number formed by arranging the digits of 54, 291, 36 is

- (a) 5429136 (b) 9654321 (c) 6543219 (d) none of these

Q.30. 5 thousand + 3 hundred – 20 is equals to

- (a) 5300 (b) 5280 (c) 5320 (d) none of these

Q.31. A five digit number is

- (a) 6 lakh (b) fifty thousand
(c) 4 hundred (d) none of these

Q.32. Which number is at the hundreds place in number 71593?

- (a) 1 (b) 5 (c) 7 (d) 3

- Q.33.** To build a smallest number by rearranging 3, 9, 5, 6 we have to arrange the numbers in
 (a) as given (b) increasing order
 (c) decreasing order (d) none of these
- Q.34.** The two statements below describe the number of cats, dogs and rabbit living in Kavita's house.
 Number of Cats > Number of rabbits and
 Number of Dogs < Number of rabbits
 Which could be the number of cats, dogs and rabbit living in Kavita's house?
 (a) 4 cats, 3 dogs, 2 rabbits
 (b) 5 cats, 2 dogs, 4 rabbits
 (c) 2 cats, 3 dogs, 4 rabbits
 (d) none of these
- Q.35.** Which of the following is incorrect?
 (a) V V V in numeral is written as 15.
 (b) M stands for 1000
 (c) XXX stands for 30 (d) none of these
- Q.36.** If V = 5, C = 100, D = 500 & M = 1000. Then DCC is equal to
 (a) 100 + 100 (b) 500 + 200
 (c) 900 (d) none of these
- Q.37.** How will you write 199?
 (a) CXI (b) CIX (c) CXCIX (d) none of these
- Q.38.** Solve and answer.
 D – V
 (a) CCCCLXXXV (b) XXXXLV
 (c) CCCLXXV (d) none of these
- Q.39.** Which is true?
 (a) 3972 > 3979 (b) 4512 < 4712
 (c) 3992 < 3990 (d) none of these
- Q.40.** The difference between the place value of 7 and 3 in number 7359 is
 (a) 7600 (b) 6700 (c) 300 (d) none of these



ANSWERS

1. (b) 2. (a) 3. (b) 4. (a) 5. (c) 6. (b) 7. (b) 8. (a)
 9. (c) 10. (c) 11. (b) 12. (a) 13. (d) 14. (c) 15. (a) 16. (c)
 17. (c) 18. (a) 19. (a) 20. (c) 21. (d) 22. (c) 23. (b) 24. (b)
 25. (d) 26. (b) 27. (b) 28. (b) 29. (b) 30. (b) 31. (b) 32. (b)
 33. (b) 34. (b) 35. (a) 36. (b) 37. (c) 38. (d) 39. (b) 40. (b)

- Q.1.** $2,996 + 2,094 = \text{-----}$
(a) 5900 (b) 5909 (c) 5090 (d) none of these
- Q.2.** $9363 + 8 \square 77 = 17840$
The number goes in \square is
(a) 5 (b) 4 (c) 3 (d) none of these
- Q.3.** Harshita decided to give some money to charity. She donated Rs. 9,880 for education and Rs. 8,701 to help endangered animals. How much money did she donate in all?
(a) 18000 (b) 18581 (c) 19000 (d) none of these
- Q.4.** Ridhi and Sunil spent counting NIMO results with a computer. Ridhi counted 3,701 results and Sunil counted 4036 results. How many results did they count in all?
(a) 3773 (b) 7737 (c) 7377 (d) none of these
- Q.5.** Which number goes in?
 $186 + 6 \underline{\quad} 3 = 849$
(a) 8 (b) 6 (c) 7 (d) none of these
- Q.6.** What number goes in \square ?
 $16,347 + 65,515 = 81,8 \square 2$
(a) 8 (b) 5 (c) 6 (d) none of these
- Q.7.** Which equation shows the identity property of addition?
(a) $(4 + 3) + 2 = 4 + (3 + 2)$
(b) $1 = 0 + 1$
(c) $8 + 2 = 4 + 6$
(d) $9 + 4 = 4 + 9$
- Q.8.** Which equation shows the associative property of addition?
(a) $(8 + 7) + 9 = 8 + (7 + 9)$
(b) $5 + 2 + 8 = 15$
(c) $2 = 2 + 0$ (d) $2 = 0 + 2$
- Q.9.** Which equation shows the commutative property of addition?
(a) $4 + (8 + 5) = (4 + 8) + 5$
(b) $5 = 5 + 0$
(c) $3 + 1 + 9 = 13$ (d) $7 + 1 = 1 + 7$

Q.10. Fill the missing.

$$\begin{array}{r}
 8 \quad 9 \quad 4 \quad 8 \quad 7 \\
 \square \quad \square \quad \square \quad \square \quad \square \\
 + \quad \quad \quad 7 \quad 0 \quad 8 \\
 \hline
 10 \quad 0 \quad 1 \quad 9 \quad 6
 \end{array}$$

- (a) 11001 (b) 10001 (c) 11101 (d) none of these

Q.11. Complete the pattern :

$$9 + 6 = 15$$

$$90 + 60 = 150$$

$$900 + 600 = 1,500$$

$$\square + 6,000 = 15,000$$

What goes in \square

- (a) 900 (b) 9000 (c) 90000 (d) none of these

Q.12. Look at these numbers :

$$4 \quad 6 \quad 47 \quad 96$$

Which two numbers have a sum of 10?

- (a) 4 & 47 (b) 96 & 4
(b) 4 & 6 (d) 47 & 6

Q.13. Sara and Raj opened a savings account at the local bank. In January, they deposited Rs. 52,376 into the account. In June, they deposited Rs. 65,282 more into the account. About how much money did they deposit in all? Choose the better estimate.

- (a) Rs. 120,000 (b) Rs. 117,658
(c) Rs. 170,000 (d) 117,668

Q.14. Mr. Singh and Mr. Sinha spent yesterday counting national survey results with a computer. Mr. Singh counted 9,366 results. Mr. Sinha counted 5,018 results. About how many results did they count in all?

- (a) 14,098 (b) 14,384
(c) 140,000 (d) none of these

Q.15. Asha and priyanka sells varieties of clothes. First they sold 9499 clothes. In second batch they sold 7681. How many clothes they sold that day?

- (a) 17108 (b) 17180 (c) 17018 (d) none of these

Q.16. 536 of the 2,859 students are on leave. How many are left?

- (a) 2323 (b) 2333 (c) 7336 (d) none of these

Q.17. Sanjay and Ajay owned a total of 7,348 stickers. If 168 stickers belonged to Sanjay, how many stickers belonged to Ajay?

- (a) 7180 (b) 7080 (c) 6080 (d) none of these

Q.18. Rohit spent Rs. 1,879 out of Rs. 8,970 for a vacation. How much money does he have now?

- (a) 7091 (b) 791 (c) 971 (d) none of these

Q.19. Estimate the difference by rounding each number to the nearest hundred and then subtracting.

$$829 - 182 \text{ is about equal to :}$$

- (a) 700 (b) 600 (c) 800 (d) none of these

Q.20. Estimate the difference by rounding each number to the nearest hundred and then subtracting.

$$942 - 647 \text{ is about equal to:}$$

- (a) 300 (b) 400 (c) 500 (d) none of these

Q.21. Dr. Verma and her students bought 85764 paper plates, but 9354 got used for a party. About how many paper plates do they have now?

- (a) 76410 (b) 76441 (c) 76461 (d) none of these

Q.22. Seema had 883 marbles yesterday, she lost 188 of them to a friend in a marbles games. About how many marbles does she have now? Choose the better estimate.

- (a) 500 (b) 700 (c) 600 (d) none of these

Q.23. Which of the following number is not a multiple of 10?

- (a) 60 (b) 56 (c) 120 (d) 30

Q.24. What number goes in \square ?

$$28 \times 64 + 1680 = \square$$

- (a) 3472 (b) 4076 (c) 3872 (d) none of these

Q.25. Which property of multiplication is shown?

$$1 \times 3 = 3$$

- (a) associative (b) distributive
(c) zero (d) identity

Q.26. Which property of multiplication is shown?

$$5 \times (7 \times 9) = (5 \times 7) \times 9$$

- (a) zero (b) distributive
(c) commutative (d) associative

- Q.27.** Estimate the product. Round the second factor to the nearest hundred and then multiply.
 $6 \times 440 = ?$
 (a) 2000 (b) 2400 (c) 3000 (d) none of these
- Q.28.** Estimate the product. Round the second factor to the nearest thousand, and then multiply.
 $4 \times 2,205 = ?$
 (a) 7000 (b) 8000 (c) 10000 (d) none of these
- Q.29.** University book store ordered 56 shipments of notebooks. There were 59 notebooks in each shipment. About how many notebooks did the book store order in all?
 (a) 3304 (b) 115 (c) 360 (d) none of these
- Q.30.** Cheesemaker sold 630 big wheels of cheese for Rs. 22 each. How much money did the cheesemaker receive in total?
 (a) 1386 (b) 13860 (c) 3860 (d) none of these
- Q.31.** Arvind counted the tiles on the gymnasium floor. The gym is 581 tiles long and 17 tiles wide. What is the total number of tiles on the gymnasium floor?
 (a) 9400 (b) 9877 (c) 9764 (d) none of these
- Q.32.** Chocolate factory makes 894 chocolate per day. How many chocolate will the factory make in a month?
 (a) 26820 (b) 6000 (c) 6820 (d) none of these
- Q.33.** Juhi put 48 photos in her photo album. The album has 4 pages. If each page has the same number of photos, how many photos did Juhi put on each page?
 (a) 10 (b) 12 (c) 14 (d) none of these
- Q.34.** There are 343 people attending a conference. If each table at the conference can seat 7 people, how many tables are there in the conference?
 (a) 49 (b) 50 (c) 70 (d) none of these
- Q.35.** Miss Payal has 8 students in her class. If Miss Payal has 608 gold stickers to give to her class, how many stickers will each student receive?
 (a) 76 (b) 75 (c) 85 (d) none of these

Q.36. Complete the table.

Total	Number of Equal Groups	Amount in Each Group
21	<input type="text" value="A"/>	7
65	<input type="text" value="B"/>	13
90	9	<input type="text" value="C"/>
99	3	<input type="text" value="D"/>

The number goes in as

- (a) A = 3, B = 5, C = 10, D = 33
 (b) A = 5, B = 10, C = 3, D = 33
 (c) A = 33, B = 3, C = 5, D = 10
 (d) none of these

Q.37. Complete the table.

Total	Number of Equal Groups	Amount in Each Group
15	<input type="text" value="A"/>	3
32	8	<input type="text" value="B"/>
60	<input type="text" value="C"/>	12
72	4	<input type="text" value="D"/>

- (a) A = 3, B = 4, C = 12, D = 18
 (b) A = 5, B = 4, C = 5, D = 18
 (c) A = 4, B = 5, C = 5, D = 12
 (d) none of these



ANSWERS

1. (c) 2. (b) 3. (b) 4. (b) 5. (b) 6. (c) 7. (b) 8. (a)
 9. (d) 10. (c) 11. (b) 12. (b) 13. (b) 14. (b) 15. (b) 16. (a)
 17. (a) 18. (a) 19. (b) 20. (a) 21. (a) 22. (b) 23. (b) 24. (a)
 25. (d) 26. (d) 27. (b) 28. (b) 29. (a) 30. (b) 31. (b) 32. (a)
 33. (b) 34. (a) 35. (a) 36. (a) 37. (b) 38. (a)



**NATIONWIDE INTERACTIVE MATHS
OLYMPIAD (NIMO) SAMPLE PAPER**

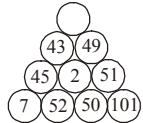
Total duration : 40 Minutes

Total Marks : 25

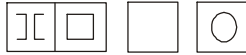
SECTION - A

MENTAL ABILITY

1. Following the same pattern as shown below the number in the topmost ball of the pyramid will be



- (a) 16 (b) 92 (c) 6 (d) None of these
2. What will be the missing figure in the series?

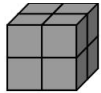


- (a) ○ (b))((c) ⊗ (d) None of these

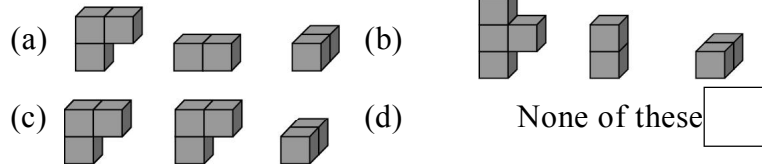
3. Using a calculator a student accidentally multiplied 30 by 10 whether he should have divided by 10. What is the correct answer?

- (a) 30 (b) 3 (c) 300 (d) None of these

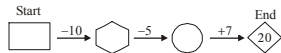
4. The cube shown below was cut into three pieces.



Which of the following groups can be joined to make the given cube



5. Prabha put a number into the 'START' box of the sentence given below



Which number did she put in the start box if the end number is 20.

- (a) 30 (b) 28 (c) 20 (d) None of these

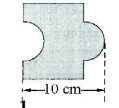
**SECTION - B
MATHEMATICS**

6. What will be the best option which will make the answer of each calculation an even number

$$\boxed{5} \times \boxed{A}, \boxed{12} \div \boxed{B}, \boxed{9} + \boxed{C}$$

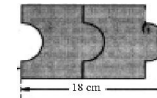
- (a) A = 4, B = 3, C = 5 (b) A = 3, B = 5, C = 4
 (c) A = 5, B = 3, C = 4 (d) None of these
7. John has some tiles.

Not actual size

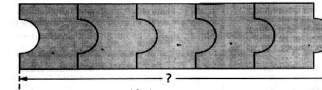


Each tiles is 10 cm long.

Two tiles fitted together are 18 cm long



Calculate the length of five tiles filled together.



- (a) 46 cm (b) 50 cm
 (c) 56 cm (d) None of these

8. Bina's family is going to see a movie. Entry is Rs. 3 for children and Rs. 5 for adults. Based on this information, which statement is true?

- (a) The entry cost is the same for 3 children as for 3 adults.
 (b) The entry cost is the same for 5 children as for 3 adults.
 (c) The entry cost is the same for 3 children as for 5 adults.
 (d) None of these

9. Here is part of a train timetable.



Station A	-	9:35	-	-	13:35	-
Station B	9:15	-	11:15	13:15	-	13:34
Station C	9:57	-	11:57	13:57	-	14:29
Station D	10:34	10:51	12:34	14:34	14:50	15:15
Station E	-	13:10	-	-	17:05	-

Arushi is at station B at 1.30 pm
She wants to travel to station D. She catches the next train.
At what time will she arrive at station D?

- (a) 14.50 (b) 15 : 15 (c) 16 : 35 (d) None of these

10. A beetle crawled up and down a plant 4 times each day for a week. What information is needed to find the total distance the beetle travelled during the week?

- (a) The plant's height (b) Beetle's length
(c) The weather during the week
(d) None of these

11.



Which figure shows the correct mirror image of this figure

- (a) (b)
(c) (d) None of these

12. This is one This is one tenth

What is -

- (a) 1.6 (b) 2.0 (c) 2.4 (d) None of these

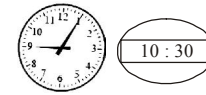
13. The symbol in the Roman number which can never be repeated is

- (a) I (b) V (c) M (d) None of these

14. Which represents 3×5

- (a) (b) (c) (d) None of these

15. What is the difference in the time of two watches shown below.



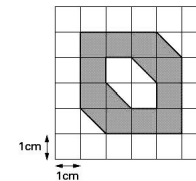
- (a) 30 min (b) 5 min
(c) 25 min (d) None of these

16. Which problem can be solved using the number sentence in the box ?

$$33 \times 5 = ?$$

- (a) Sherman has 33 pages of stamps. Each page has 5 stamps on it. How many stamps is that all together?
(b) Kavita has 33 trading cards. He gave 5 of them of Veena. How many trading cards is Kavita have left with?
(c) The school store sold 33 bookmarks before lunch. They sold 5 bookmarks after lunch. How many bookmarks were sold in all?
(d) Sally read for 33 minutes before dinner. She read for 5 minutes after dinner. How many minutes did she read in all?

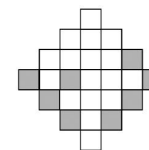
17. Here is a 1 cm square grid. Some of the grid is shaded.


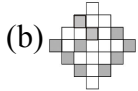



What is the area that is shaded?

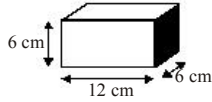
- (a) 14 square unit (b) 12 square unit
(c) 20 square unit (d) None of these

18. Here is a grid with eight squares shaded in . Shade in two more squares to make a symmetrical pattern.

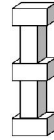


- (a)  (b) 
- (c)  (d) None of these

19. Mukesh has some bricks. They are 12 cm long, 6 cm high and 6 cm deep



He builds this tower with **five** bricks
What is the height of this tower



- (a) 36 cm (b) 30 cm (c) 40 cm (d) None of these




20.



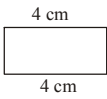
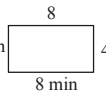
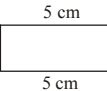
A bottle holds 1 litre of Lemon juice. Richa fills 5 glasses with Lemon juice. She puts 150 millilitres in each glass. How much lemon juice left in the bottle?

- (a) 500 milites (b) 850 milites
(c) 250 milites (d) None of these

21. Which of the following figure have only one line of symmetry

- (a)  (b) 
- (c)  (d) None of these

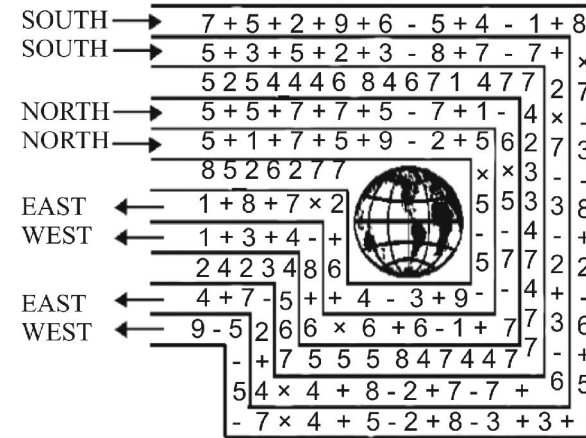
22. Which rectangle has the perimeter of 16 centimeters

- (a)  (b) 
- (c)  (d) None of these

SECTION - C

INTERACTIVE SECTION

Around the Earth : Calculate, in sequence, the velocity of winds on each path that your expedition has to endure. Smallest total finishes first.



23. Which path has the highest total?

- (a) South → East (b) North → East
(c) South → West (d) None of these

24. What is the smallest value of wind velocity?

- (a) 2300 km/hr (b) 295 km/hr
(c) 1290 km/hr (d) None of these

25. The smallest total path has how many 7?

- (a) 7 (b) 5 (c) 4 (d) None of these

☺ END OF THE EXAM ☺

ANSWERS

1. (c) 2. (b) 3. (b) 4. (c) 5. (b)
6. (a) 7. (a) 8. (b) 9. (b) 10. (a)
11. (a) 12. (c) 13. (b) 14. (a) 15. (d)
16. (c) 17. (b) 18. (a) 19. (d) 20. (c)
21. (c) 22. (c) 23. (c) 24. (b) 25. (d)

