

EVERWIN VIDHYASHRAM

STD: VII - VIII CONQUERING MATH - WORKSHEET

1. Look at the series: 2, 1, $\frac{1}{2}$, $\frac{1}{4}$, ... what number should come next?

2. Which is the odd one out? Index, Glossary, Chapter, Book.

3. Melt: Liquid :: Freeze: _____

- a) Ice b) Solid c) Condense d) Push

4. Kevin, Joseph & Nicholas are 3 brother. If the following statement are all true, who is the youngest?

- Kevin is the oldest Nicholas is not the oldest
Joseph is not the youngest.

- a) Joseph b) Kevin c) Nicholas d) Both Joseph & Nicholas

5. A MB, CLB, BKC, DJC, _____.

- a) EID b) CJD c) EIF d) CID

6. $56 + 45 = 50$ $76 + 68 = 90$ $23 + 44 = 22$ $66 + 88 = ??$

- a) 80 b) 46 c) 21 d) 100

7. Substitute the correct mathematical symbols in place of * in the following equation. $16 * 4 * 5 * 14 * 6$

- a) $\div - = \times$ b) $- \times + =$ c) $\div \times = +$ d) $\div + = -$

8. If, * means /, - means *, / means + and + means -, then $(3 - 15 / 19)$

* $8 + 3 =$ _____.

- a) 5 b) 4 c) 2 d) -1

9. $9 + 2 = 711$ $14 + 6 = 820$ $17 + 11 = 628$

$12 + 3 =$ _____.

10. $\star + \star + \star = 36$

$\diamond + \diamond + \star = 30$

$\triangle + \triangle + \diamond = 15$

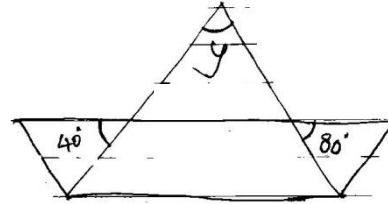
$\circ + \circ + \diamond = 13$

$\star + \diamond + \circ = ?$

11.

4			
6	2		
9	?	1	
19	10	7	6

12.



In the above picture, can you identify the value of angle y.

13. Which number should replace the question mark?

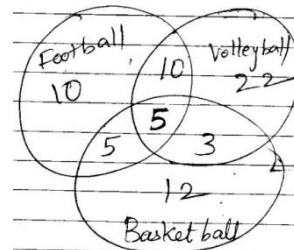
1	3
6	8

6	9
7	3

2	4
6	4

?	6
7	2

14. How many students are playing all the three games?



15. Find the value of A, B, C

$$\begin{array}{r} 3 \quad A \\ + A \quad 3 \\ \hline B \quad B \quad C \end{array}$$

16. Which is the smallest squared prime number.

- a) 1 b) 2 c) 3 d) 4

17. The only number which can't be represented by Roman numerals.

- a) 0 b) 1 c) 3 d) 4

18. 'The expression to the nines' means _____.

- a) To the supreme degree b) To the highest degree
c) To the only degree d) To the smallest degree

19. Which is a fibonacci number. a) 1 b) 3 c) 5 d) 7

20. What is the atomic number for oxygen.

- a) 2 b) 4 c) 6 d) 8