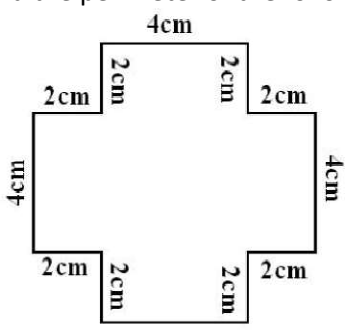
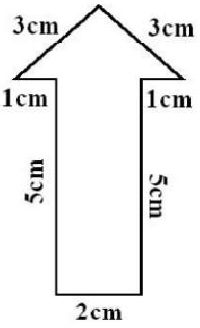
SAINIK SCHOOL AMBIKAPUR
CHHATTISGARH
WINTER VACATION HOMEWORK (2022-23)

Class-VI Subject-Mathematics

Class	Subject	Teacher
Ser	**Items**	**Details**
1.	Syllabus for PA/PT - Ill	1. Fractions 2. Decimals 3. Data Handling 4. Mensuration
2.	Revision Homework / Assignment	1. Simplify the following (a) $\frac{3}{10}+\frac{7}{15}+\frac{3}{5}$ (b) $4\frac{2}{3}+3\frac{1}{4}+7\frac{1}{2}$ (c) $2\frac{1}{2}-1\frac{2}{3}+5\frac{1}{6}$ 2. Solve the following Subtract : (a) Rs 18.25 from Rs 20.75 (b) 202.54 m from 250 m (c) Rs 5.36 from Rs 8.40 (d) 2.051 km from 5.206 km (e) 0.314 kg from 2.107 kg Find the value of : (a) 9.756 – 6.28 (b) 21.05 – 15.27 (c) 18.5 – 6.79 (d) 11.6 – 9.847 Find the sum in each of the following : (a) 0.007 + 8.5 + 30.08 (b) 15 + 0.632 + 13.8 (c) 27.076 + 0.55 + 0.004 (d) 25.65 + 9.005 + 3.7 (e) 0.75 + 10.425 + 2 (f) 280.69 + 25.2 + 38 3. A farmer has a rectangular field of length and breadth 240m and 180m respectively. He wants to fence it with 3 rounds of rope. What is the total length of rope he must use? 4. How many tiles whose length and breadth are 14cm and 8cm respectively will be needed to fit in a rectangular region whose length and breadth are respectively: (a) 2.8m and 1.6m (b) 320cm and 560cm 5. Find the perimeter of the following:  

3.	Subject Capacity Building Assignment	1. Verify that addition of whole numbers is commutative by using activity. 2. Verify Distributive property of multiplication over addition of whole numbers by using activity. 3. Find the HCF and LCM of two numbers by using activity. 4. Find the sum of fractions with different denominators by using activity. (Example: $\frac{1}{4}+\frac{2}{3}$) 5. Obtain areas of different geometric figures using graph sheet and verify the results using known formulas.
4.	Preparatory Work for Units/ Chapters to be covered after PT-II	1. Classify types of angles. 2. Make the symmetrical figures around your home. 3. Write various instruments used in compass box. 4. Draw angles which are multiples of 30˚ using protractor.

Signature