

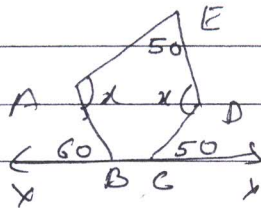
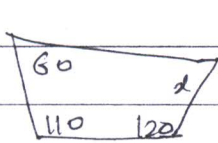
CLASS-VIIISub - MathsHoliday Homework

- Q1 What should be subtracted from $-\frac{3}{5}$ to get -2
- Q2 The sum of two rational number is -3 . If one of them is $-\frac{10}{3}$ then find the other
- Q3 Find 5 rational numbers between $-\frac{2}{3}$ and $\frac{1}{4}$
- Q4 In a school $\frac{5}{8}$ of the students are boys. If there are 200 girls. Find the other number of boys in the school
- Q5 Verify that $-(-x) = x$ for $x = -\frac{18}{17}$
- Q6 Solve the equations and check your answer
- (i) $\frac{3x+5}{2x+1} = \frac{1}{3}$ (ii) $\frac{6x+7}{3x+2} = \frac{4x+5}{2x+3}$
- Q7 Two numbers are in the ratio 5:8. If the sum of the numbers is 182. Find the numbers
- Q8 Two years ago Dilip was three times as old as his son and two years hence twice his age will be equal to five times that of his son. Find their present ages.
- Q9 Two angles of a triangle are in the ratio 4:5. If the sum of these angle is equal to the third angle. Find the angles of the triangle
- Q10 Solve $\frac{15(2-y) - 5(y+6)}{1-3y} = 10$
- Q11 Find the number of sides of a regular polygon whose each exterior angle measure 45°
- Q12 The measure of two angles of a quadrilateral are 115° and 45° and the other two angles are equal. Find the measure of each of the equal angles

Q13 The ratio of two sides of a parallelogram is 4:3. If its perimeter is 56 cm. Find the length of its sides

Q14 The angles of a pentagon are x° , $(x+20)^\circ$, $(x+40)^\circ$, $(x+60)^\circ$ and $(x+80)^\circ$. Find the smallest angle of the pentagon

Q15 Find the angle x in each of the following



Creative work -

- (i) To verify that the sum of the exterior angles of a polygon is 360° by paper cutting and pasting.
- (ii) To make a kite by paper cutting and folding and illustrate the property of a kite
- (iii) Prepare a model by pasting chart on cardboard to show properties of Rational number
- (iv) Prepare a model by pasting chart on cardboard to show properties of different types of quadrilaterals

Roll No. / Class	A	B	C	D	E
	1-8	9-16	17-28	29-31	30 onward
	9-20	1-8	29 onward	31 onward	1-10
	21-30	30 onward	9-16	1-8	11-20
	30 onward	21-30	1-8	9-20	21-30

VIII A

VIII B Sonu Aggarwal

VIII C

VIII D

VIII E