

SUMMER HOLIDAY'S HOMEWORK

SUB. - MATHS

CLASS - VIII

SESSION - 2015-16

- Q1. What should be subtracted from $-\frac{4}{7}$ to get -3
- Q2. In a school $\frac{5}{8}$ of the students are boys. If there are 240 girls. Find the number of boys in the school
- Q3. The sum of two rational number is -5 . If one of them is $-\frac{10}{3}$ then find the other
- Q4. Find the 5 rational numbers between $-\frac{2}{3}$ and $\frac{1}{4}$.

Q5. Verify that $-(-x) = x$ for $x = -\frac{19}{18}$

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 numbers.

Q8. Two years ago Ram 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 $3:5$. If the sum of these angle is equal to the third angle. Find the angles of the triangle.

Q10. Solve :

$$\frac{15(2-y) - 5(y+6)}{1-3y} = 10$$

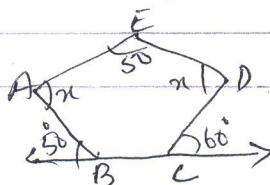
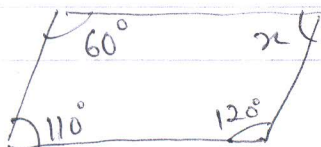
Q11. Find the numbers of sides of a regular polygon whose each exterior angle measure 45° .

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° , $(x+10)^\circ$, $(x+50)^\circ$, $(x+70)^\circ$ and $(x+90)^\circ$. Find the smallest angle of pentagon

Q15. Find the angle x in each of the following.



Creative work —

1. To show that the sum of the angles of a quadrilateral is 360° by paper cutting and pasting.
2. Prepare a chart to show properties of different types of quadrilaterals.
3. Prepare a chart to show properties of rational numbers.
4. Make a kite by paper cutting and folding and illustrate the property of a kite.

Class VIII →	A	B	C	D	E
Roll NO.	1-8	9-16	17-28	21-30	30 onwards
↓	9-20	1-8	29 onward	30 onward	1-10
	21-30	30 onward	9-16	1-8	11-20
	30 onward	21-30	1-8	9-20	21-30

Maths

VIII-A

VIII-B

VIII-C

VIII-D

VIII-E