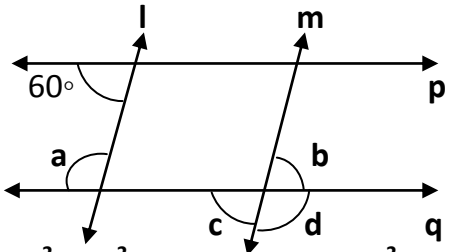
HOLIDAY HOMEWORK QUESTIONS (2018 -19)
CLASS – VII MATHEMATICS

- *Chapters – Integers, Decimals, Fractions, Algebraic Expression, Lines and angles, 3D Solid Shapes, Reflection and Rotational Symmetry.*

Q1) Find the product using suitable properties:-
(i) 625×(-35)+(-625)×65
(ii) (-57)×(-19) + 57
Q2) A regular sheet of paper is 12 $\frac{1}{2}$ cm long and 10 $\frac{2}{3}$ cm wide. Find its perimeter.
Q3) Which is greater $\frac{2}{7}$ of $\frac{3}{4}$ OR $\frac{3}{6}$ of $\frac{5}{8}$.
Q4) Simplify:-
(i) 11 – [7– {5– 3 (9– $\overline{3 - 6}$)}]
(ii) (-7) + (-6) ÷ 2 – {(-5) × (-4) – (3-5)}
Q5) A piece of cloth is 24.5 m long, How many pieces each of length 1.75 m can be cut from it.
Q6) If line l || m, p || q; Find a, b, c, d



Q7) How much is $3a^2 – 2b^2 + 3$ greater than $2a^2 + 2ab + 52$.
Q8) If three sides of a triangle are 4x cm, 7y cm and 3y – x cm, Find its perimeter.
Q9) Name the quadrilaterals which have both line and rotational symmetry of order more than 1.
Q10) Draw rough sketch of a triangle with both line and rotational of order more than 1.
Q11) If p = 3, q =2 and r = 1, then find the value of: - $2p^2 + 3q^2 – r^2 + 2pr – 5pqr$.
Q12) Simplify: - 2.3 – [1.89 – {3.6 – (2.7 – $\overline{0.8 - 0.03}$)}]
Q13) Draw a triangular prism. Write its faces, edges and vertices.
Q14) Arrange the given fractions in descending order:- $\frac{5}{6}, \frac{11}{16}, \frac{13}{18}$
Q15) Find the sum of Integers: – 72, 437, 84, 72, – 84.

Questions from N.C.E.R.T. book

Ex 1.1 → Q → 6, 8
Ex 1.2 → Q → 3
Ex 1.3 → Q → 6
Ex 1.4 → Q → 7
Ex 2.1 → Q → 5, 8
Ex 2.5 → Q → 9
Ex 5.4 → Q → 4
Ex 12.2 → Q → 1 (V), (VI) ; Q → 2(VII) ; Q → 4(b)
Ex 12.3 → Q →10
Ex 14.1 → Q → 10
Ex 14.2 → Q → 2