NAME		ROLL NO	

INDIAN SCHOOL MUSCAT
MIDDLE SECTION
FIRST PERIODIC TEST 2022 – 23
MATHEMATICS (SET-A)

Code: MZM01

CLASS-VIII

22.05.2022

Time Allotted: 40 Minutes

Max. Marks: 20

General Instructions.
1.The question paper comprises of **three sections A, B**, and **C**. You have to attempt all the sections.
2.**All the questions are compulsory**.
3.**All the answers should be written in the answer sheet provided.**

Q.NO1   <u>**SECTION A - FILL IN THE BLANKS ('1' MARK EACH) – TOTAL – 04 MARKS**</u>   Marks

(a)   There are _____ rational numbers between $\frac{-2}{7}$ and $\frac{6}{7}$.   1

(b)   The sum of $\frac{5}{8}$ and its additive inverse is _____   1

(c)   Measure of each exterior angle of 12-sided regular polygon is _____   1

(d)   The sum of the interior angles of a nonagon is _____   1

Q.NO2   <u>**SECTION B – ('2' MARKS EACH) – TOTAL – 10 MARKS**</u>   Marks

(a)   How many diagonals are there for a polygon with 13 sides?   2

(b)   Find the number of sides for a regular polygon with each interior angle 160^0.   2

(c)   Find the multiplicative inverse of $\left(\frac{-7}{8} + \frac{5}{6}\right)$.   2

(d)   The product of two rational numbers is $\frac{-9}{10}$. If one of the rational numbers is $\left(\frac{2}{5} \times \frac{3}{4}\right)$ then find the other rational number.   2
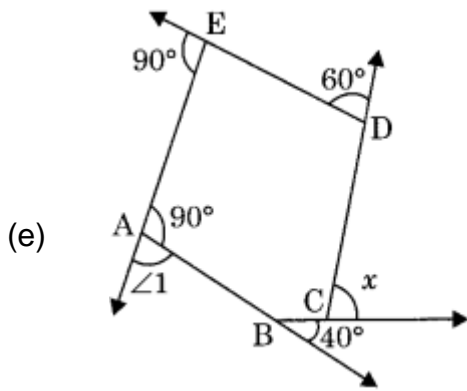
(e) 2

Find the value of 'x'.

Q.NO	SECTION – C ('3' MARKS EACH) – TOTAL – 06 MARKS	Marks

3. Simplify $\dfrac{-3}{7} \times \dfrac{5}{12} + \dfrac{11}{12} \times \dfrac{-3}{7} - \dfrac{-3}{7}$ using suitable properties. 3

4. The angles of a pentagon are in the ratio 3 : 4 : 5 : 5 : 10. Find the largest and the smallest angles of the pentagon. 3

End of question paper.