



Date: 30/9/24  
GRADE: VII

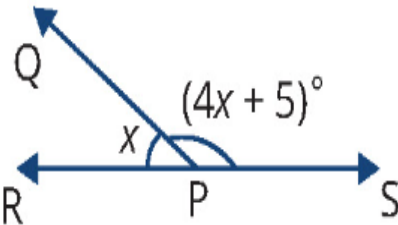
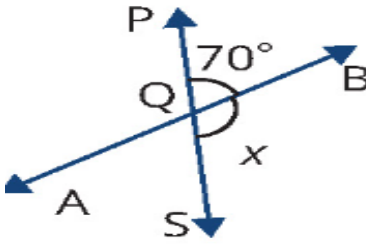
Term 1 (2024-25)  
MATHEMATICS

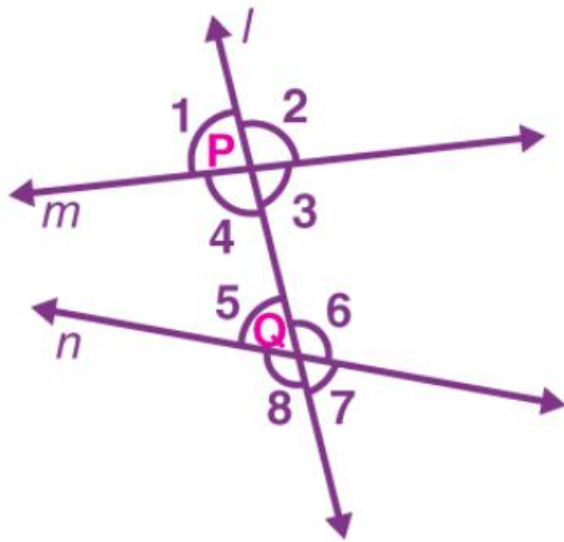
Marks: 40  
Time: 2Hrs

Name:

Q.No.	Questions	Mark
	<b>MULTIPLE CHOICE QUESTIONS</b> (Choose the correct answer from the given options)	
1	Which of the following is an improper fraction? a) $\frac{1}{4}$ b) $\frac{3}{4}$ c) $\frac{2}{7}$ d) $\frac{7}{2}$	1
2	The product of $(-18) \times (-10)$ is: a) -180 b) 180 c) -18 d) 18	1
3	Identify the property reflected in the following statement. $2 + (13 + 8) = (2 + 13) + 8$ a) Associative property b) Closure property c) Distributive property d) Commutative property	1
4	The complement of $35^\circ$ is: a) $35^\circ$ b) $45^\circ$ c) $55^\circ$ d) $145^\circ$	1
5	Raju's father's age is 5 years more than three times Raju's age. Find Raju's age, if his father is 44 years old. a) 12 b) 13 c) 15 d) 23	
6	Find out the pair of integers whose sum is -5. a) -1, 4	1

	b) -1,6 c) -2, -3 d) 5,0	
7	0.03 × 0.9 is equal to: a) 2.7 b) 0.27 c) 0.027 d) 0.0027	1
8	What is $\frac{1}{4}$ of 24? a) 6 b) 12 c) 48 d) 16	1
9	The product of two integers is -160. If one of them is 20, find the other. a) -80 b) 10 c) 8 d) -8	1
10	When 9 added to twice a number gives 13. Find the number. a) 13 b) 9 c) 4 d) 2	1
11	Which one of the following is greater? a) 5.0 b) 0.5 c) 0.005 d) 0.05	1
12	Reciprocal of the fraction $\frac{2}{3}$ is: a) $\frac{2}{3}$ b) $\frac{3}{2}$ c) 2 d) 3	1
<b>FILL IN THE BLANKS</b>		
13	$-8 \times 10 \times -9 = 720$	1
14	A line which intersects two or more lines at distinct points is called <b>transversal</b>	1
15	$0.6 \times 100 = 60$ .	1
16	The solution of the equation $x+3=0$ is <b><math>x = -3</math></b>	1
17	$-36 \div -9 = 4$	1
<b>State whether the following statements are true or false.</b>		
18	The additive inverse of -35 is 35. <b>T</b>	1

19	When the sum of measures of two angles is $180^\circ$ , the angles are called complementary angles <b>F</b>	1
20	$675.98 \div 100 = 67.598$ <b>F</b>	1
<b>VERY SHORT ANSWER TYPE QUESTIONS</b>		
21	Calculate. $\left(\frac{8}{9} \div \frac{24}{5}\right) \times \frac{2}{3}$ <b>10/81</b>	2
22	Divide 50 into two parts such that one part is 20 more than the other. Find both the parts. <b>15 and 35</b>	
23	Find. $204.84 \div 18 = 11.38$	2
24	Multiply, reduce and express as a mixed number. $5\frac{1}{2} \times 4\frac{2}{3} = 25\frac{2}{3}$	2
25	An A4-size sheet of paper has a height of 29.7cm and a width of 21cm. What is its area?  <b><math>623.7\text{cm}^2</math></b>	2
<b>SHORT ANSWER TYPE QUESTIONS</b>		
26	Solve a) $4(4 - y) = 2$ <b><math>7/2 = 3.5</math></b> b) $\frac{3a - 7}{4} = -4$ <b>-3</b>	3
27	Find the value of 'x' in the following figures.  a)  <b><math>x = 35^\circ</math></b>  b)  <b><math>x = 110^\circ</math></b>	3
<b>LONG ANSWER TYPE QUESTION</b>		
28	Draw a diagram to show the angles formed when a transversal cuts through a pair of parallel lines. Write a pair each of corresponding angles, vertically opposite angles, alternate interior and exterior angles.	4



**Corresponding angles -  $\angle 2$  and  $\angle 6$**   
**Vertically opposite angles -  $\angle 1$  and  $\angle 3$**   
**Alternate interior -  $\angle 4$  and  $\angle 6$**   
**Alternate exterior -  $\angle 1$  and  $\angle 7$**

THE END