CLASS : 7 TIME : 2.00 Hrs.	MATHEMATICS	Reg. No. :	
		MAX. MARKS : 60	1. 1. 1. 1.
I. Choose the correct answer			5x1=5
1. (-100) - 0+100 =	man film and a straight ag	alter in	2 2
a) 200 b) 0	c) 100	d) -200	
2. When the non-parallel sides of a	a trapezium are equal, then it is	known as	
	ctangle c) an isosce	les trapezium d) a para	allelogram
3. The solution of $3x+5=x+9$ a) 2 b) 3			
 If the cost of 3 books is ₹ 90, the 	c) 5	d) 4	
a) ₹ 300 b) ₹ 32		d) ₹ 400	
5. The sum of all angles at a point		u) x 400	
a) 360° b) 180°		d) 0º	
II. Fill in the blanks.		er an en a r d' a proposi	1 1 1 1 1 1 1
6. (-5) + = - 100	a an	in production and a second	/ 5x1=5
7. The angle between the diagonal	s of a shambur is		
8. The additive inverse of $-37xyz$	is	State Barger Sectors	
9. 16 taps can fill a petrol tank in 1	8 minutes. The time taken for		
minutes.	o influtes. The time taken for	9 taps to fill the same tar	k will be
10. A tetromino is a shape obtained	bysquares	together	
III. Say true or False	i i i i i i i i i i i i i i i i i i i	iogeniei.	
111. $(-15) \ge 5 = 75$			5x1=5
		President Friday Standard	A Carlo 14
12. If the base is increased 2 times a the same.	ind the height is halved, then the	he area of the pallelogram	n remains
13. 2pq and -7qp are like terms.		A Present of the State	and a star
14. Number of students in a hostel a	ind consumption of food are no		
15. The adjacent angles that are sup	plementary are called linear no	in after a last	2
	prementary are caned linear pa	ir of angles.	
IV. Match the following.			5x1=5
16. (-82)÷82	0		a de la como
17. Area of the parallelogram -	- 3		
18. $x + (-x)$	$\frac{1}{2}xh(a+b)$ sq. units		
19. (-10) + (+7)	2 sq. units		
20. Area of the trapezium	-1 byb do unito	t a satage a la satage	23.121.2
	bxh sq. units.		
V. Answer any 10 questions fi	rom the following.	an a shi a shekar	10x2=20
21. Add 8 and - 12 using number lin	ie.		and the second
22. What is the balance in chezhiyar	n's account as a result of a purc	hase for ₹ 1079, if he h	ad an .
opening balance of < 5000 in hi	s account?		
23. The product of two integers is -1	35. If one number is -15, find	the other integer.	· · · · · · · · · · · · · · · · · · ·
24. Are (-42) x (-7) and (-7) x (-42)	equal? Mention the property.		es. 1 . 1 . 1
25. Find the height 'h' of the parallel26. Find the area of the rhombus wh	logram whose area and base are	e 368 sq. cm and 23 cm i	respectively
26 End the sure of the showhere of	and aide in 17 Lit's to		

the height is 8 cm. 7th Maths - Qtly - NMK - Page-1

27. Find the area of a trapezium whose parallel sides are 24 cm and 20 cm and the distance between them is 15 cm.

28. If x=3, y=2 find the value of 4x+7y.

29. Add : -9y, 11y, 2y

30. Solve : 7x + 10 = 80

31. A dozen bananas costs ₹ 20. What is the price of 48 bananas?

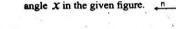
32. 60 workers can spin a bale of cotton in 7 days. In how many days will 42 workers spin it?

72.

33. Calculate the value of

34. Find the measure of

 x° in the given figure.



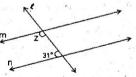
VI. Answer any five of the following.

35. Are (11+7) + 10 and 11 + (7+10) equal? Mention the property.

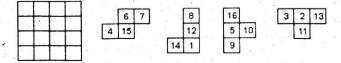
36. Each day, the workers drill down 22 feet further until they hit a pool of water. If the water is at 110 feet, on which day will they hit the pool of water?

05"

- 37. If the area of the rhombus is 60 sq. cm and one of the diagonals is 8 cm. find the length of the other diagonal.
- 38. Identify the like terms among the following : 7x, 5y, -8x, 12y, 6z, z, -12x, -9y, 11z
- 39. Find two consecutive odd numbers whose sum is 200.
- 40. A farmer has enough food for 144 ducks for 28 days. If he sells 32 ducks, how long will the food last?
- Find the measure of angle z.



42. Using the given tetrominoes with numbers, complete the 4x4 magic square.



VII. Answer any one of the following :

43. Construct a Perpendicular bisector of the line segment AB = 6 cm.

44. Construct the angle 60° using ruler and compass only.

1x5=5

5x3=15