End of Semester Exam REVIEW – Chapter 1 – Name:		d :	_ Date:
1. What is the absolute value? -1	51-absolute v	alue is	always positive
(15)			0 on #line
2. Solve2 + 7 + (-6)			
(-1)			
3. When $a = -10$ and $b = -6$, which ex			() -(06=-4
a. a+b c.a-b	a)-10+-6=-11		
b. a+b d. a-b	6) -16 =16		-4 = 4
4. The temperature is -8°F at 7am. Du 10am?		add add	F. What is the temperature at
- 0+2	0 = 12° E)		
5. Solve5 - 13 (-18)			
6. Solve. 16 - 28 - 12			
7. Solve14 - 8 - 2.2	ab+	15757	
8. Solve for b. 9b + 15 = 57	<u> </u>	15757	
(4.6)		767 43	2
9. What makes a graph proportional? - goes through original?	100 100	6=4.	6
- Makes a straig v 10. Evaluate the expression. 0.7 ² ÷	1+ line - ha	as a	constant
0.49 ÷	3.5 = 0.14		
11. Solve8 · 5 (-40)			
124 · (-13)(52)			
$-13.\frac{3}{4} \cdot \frac{-1}{6} \left(-\frac{1}{4}\right)$			
14. Solve24 ÷ -4 6			
15. Solve. $\frac{3}{4} \div \frac{1}{4} \left(\overline{3} \right)$			- 100 OKO - D. 116.
16. Write the rational number as a de	ecimal. 8 tupe 8	79 or	use green 2nd 1924 then amou
17. Write the rational number as a de	ecimal. $\frac{-4}{12}$ $\left[-0.\overline{3}\right]$		
18. Write the decimal as a fraction.	0.35		
19. Find the sum. $-2\frac{1}{3} + 3\frac{2}{3}$	(20)		
(13)			. > ~
20. Find the sum. $2x + y$ when $x = \frac{1}{4}$	and $y = \frac{-1}{2}$ 2	七)+(-	注)=0

End of Semester Exam REVIEW – Chapter 1 Name:	4	_ Period :	Date:	
a. < b. = c.>	<, >, or =7.08	2-7.09 Wh	en losth ou	e neg. the
a. < b. = c. >		61990	r # 15 uchu	acces street
22. Complete the statement using <	<,>, or =. 1.5	$\frac{2}{3}$		
a. > b. = c. <		0.6		
23. Solve. 0.15 + 5.8 5.95	1			
24. " Flipping" the fraction upside of				
	Inverse Multiplying the frac	tion		
25. Simplify the expression. (Comb	ine like terms.) 5u	-2u + 8		
	(?	Su+8		.8)
26. Simplify the expression. (Comb	ine like terms.) (21	(-5b+9	7 76	-13
	265	6=76	-4-9=-	13
27. Solve the equation7 = x - 21			er (n. 3 km nr)	
28. Solve. $-\frac{1}{3}c = 5$	againg finale time to again			
29. Solve. 2t = -12				
30. A 2-month membership to the g	gym costs \$125. Jim	would like to be a	member for 8 month	s. What is the
total amount he will pay?	nthe 84	nonths		
\$12	5 \$	X	x: \$500	
31. There are 400 people at a play.	The ratio of males to	females is 1 : 4.	Find the number of fer	males.
× -	4	11-3	20 semale	2
total 400 = -	5 total	(X =)	20 101100	
32. Solve and graph the inequality.	x - 5 > 11			
32. Solve and graph the inequality.	X716		7	\(\) \(
33. Solve and graph the inequality.	$\frac{b}{4}$ $\left\{\begin{array}{c} -12 \\ \cdot \end{array}\right\}$	16		67 open
33. Solve and graph the inequality.	b7-48 °	= -48	•	204

End of Semester Exam REVIEW – Chapter 1 – 4 Name:	Por	riod :	Date:	
Nume.	Fel		bate	
34. Solve and graph the inequality. 5c \			─ →	
C	÷5 £-6	-6	.2	
35. Write the ratio as a fraction in simple	est form. 27 even:	: 15 odd	27= (9)	
36. Find the unit rate. 380 miles in 4 hor 37. Solve for y , $-7(y-4) = -32$	urs 380÷4	5 95	15:3 5	
37. Solve for y. $-7(y-4) = -32$ distribute	74+28 =	-32 -28	4=8.57)	Michigan
38. Solve the proportion. $\frac{7}{5} = \frac{a}{15}$	-74+	-66	(4=8.57)	
(a=21)	Appropriate City to			
39. Solve the proportion. $\frac{d}{8} = \frac{73}{4}$			The state of the s	
a=146				
40. Write and proportion and solve.			The Manager	
48 cupcakes are packaged in 4 boxes. H	How many cupcake		/	1
41. Find the constant of proportionality f	4 60x+		a boxes (x=108)	aces)
				/
* Bad question. Doesn't go through]		
		,		
(0,0) so there isn't a c]		
isn't a c	onstaint			
42. Simplify. Write your answer using ex			1.	
dot	in the 1	midd	le, add exponent	5
	-u			
	3)			

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	X y
43. Find the constant from the table given.	-3 -15 9 - 1
-15:-3=5	-4 -20
-20:-4=5	3 15 1 5
(K=5)	
44. Write the product using exponents. 4 • 4	·5·5·5 4 ² ·5 ³
45. Simplify using the distributive property. $7 \times + 2 4 \times -$	7x - 6(-4x + 2)
31x-1	3
46. Tell whether the rates are equivalent. 4	inches to 2.5 years 4:25= 1.6
1	foot in 7.5 years
	nches ÷7.5=1.6
47 You have \$60 to huy t-shirts You can hu	y 3 t-shirts for \$24. Do you have enough money to huy 7 t-shirts?
2 Lsl.: 104	$\frac{7 + 5hir-5}{4}$ $\frac{7}{4} + \frac{5}{4} + \frac{5}{$
3 734(17) =	yes I have
\$24	x x=350 (enduan \$)
48. The distance from zero on a number line	e and the answer is always positive
a. Opposite number c. Distribut d. Reciproc	ive Property al
49. Evaluate. 12 ²	
12.12=(144)	
50. The table shows the relationship between Write an equation that best represents the relation	en the number of miles traveled, and the gallons of gas used, y.
[M=KX
<u>" </u>	9
y 1 2 3 4 5	
y : x	$\left(y = \frac{1}{5}x\right)$
1:5===	
1:5=5	