Jame: _____

Complete the following problem. Show **all your work** and **circle your final answer**. Please bring this packet with you on the first day of school.

	E	Decimals	
6	Find the sum, differ	ence, product or quotier	nt.
) 3.7 + 2.81 =	2) 9.3 - 2.46 =	3) (4.01)(2.2)	4) 36.5 ÷ .5 =
	,		
	· · · ·		
	· ·		
	I	ractions	
		ence, product or quotien	t.
$\frac{2}{3} + 6\frac{4}{5} =$	6) $3\frac{3}{4} + 2\frac{3}{8} =$	7) $6\frac{1}{6} - \frac{1}{4} =$	8) $4\frac{1}{4} - 3\frac{1}{3} =$
4 1	1 1	2	
$\frac{4}{5} \cdot 2\frac{1}{2} =$	10) $1\frac{1}{5} \cdot 2\frac{1}{3} =$	11) $\frac{2}{7} \div 4 =$	12) $3\frac{1}{8} \div \frac{1}{6} =$

Integers

Find	the sum, difference, product or qu	otient.
3) -15 + 22 =	14) 4 + (-13) =	15) -8 + (-5) =
6) -8 - 6 =	17) 20 - (-5) =	18) -3 - (-11) =
9) (-9)(8) =	20) (-7)(-6) =	21) (9)(-3) =
2) -36 ÷ (-9) =	23) -45 ÷ 5 =	24) 54 ÷ (-6) =
	Order of Operations	
5) 3 + 6(4 - 2) =	26) $(5+3)^2 - 16 \div 2 =$	27) 48 ÷ 4 (2 + 1) =
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Evaluate	the expre	ssion. Let x = -2	and $y = 4$. Show	your substitutions.
?8) 2x + 3y =	2	9) $x^2 - y =$		30) 5(x + y) =
		Properties	of Numbers	
	lde	ntify the algeb	raic property used	d:
31) a + b = b + a			32) a·1=a	
33) a + 0 = a			34) a(b + c) = a	ıb + ac
		Expo	nents	
			n exponential forr	n
$(35) 3^2 \cdot 3^3 =$		$(2^3)^2 =$		$37) \frac{4^5}{4^2} =$
· · · ·		Ratios, Rates, a	and Proportions	
(8) If $\frac{4}{6} = \frac{x}{9}$, find x.	h		s 180 miles in 3 ne rate in miles	40) If 5 pencils cost \$2.50, what is the cost of 1 pencil?

per hour?

Geome	try Basics
i1) Find the area and perimeter of a square with ide length of 7 cm.	52) Find the area of a triangle with base 12 inches and height 8 inches.
Draw an	example.
53) An acute angle 54) A right angl	e 55) An obtuse angle
Coording	ate Plane
 identify the quadrant for each point. i) (3, -2) b) (-4, 5) i) (2, 7) d) (-6, -1) 	 57) Given the coordinates of a point that is on the x-axis. 58) Give the coordinates of a point that is on the y-axis.
i9)Plot and label the points.	60) State the coordinates.
A: $(-5, -8)$ B: $(0, 7)$	E: F:
C) $(2, -4)$ D: $(-6, 3)$	G: H:

51) Sarah has \$120. She spends x dollars each day. Write and expression to represent how nuch money she has left after 5 days.	62) A rectangle's length is 4 times its width. Write an expression to find the perimeter if the width is represented by w.			
53) Colin spent half of his weekly allowance blaying mini-golf. To earn more money, his barents let him was the car for \$10. What is his veekly allowance if he ended with \$16?	64) Paul rented a bike. It cost \$12 plus \$6 per hour. Paul paid \$42 for the rental. How many hours did Paul have the bike?			
5) Margaret was given \$17 for her birthday. She Now has \$22. How much money did she start vith?	66) A frame is 3 inches tall and 4 inches wide. If it is enlarged to a height of 12 inches, how wide will it be?			

Vhich section was the easiest?