Name	
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Date _____ Pd___

Chapter 2 (Operations with Integers) Bringing It All Together #1

Vocabulary Check

Define the following vocabulary words:

1) Absolute Value: _____

2) Quadrant:

State whether the statement is *true* or *false*.

If *false*, replace the underlined word or number to make a true sentence.

3) Two numbers with the same absolute values but different signs are opposites.

4) A positive number is a number less than zero.

5) Numbers like -6 and -0.5 examples of integers.

6) The set of quadrants includes positive whole numbers, their opposites, and zero.

2-1 Integers and Absolute Value (pp. 61-66)

Compare the integers using <, >, or =

7) 55	8) 16 -14	9) 7 -7
10) -3 1	11) -1422	12) 0 -5

2-2 Adding Integers (pp. 69-74)

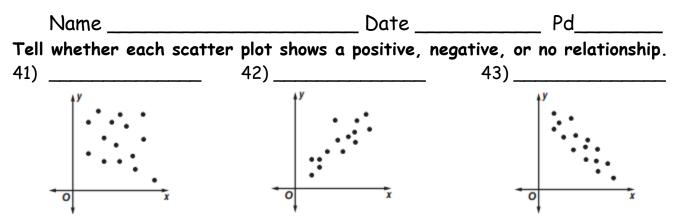
Find each sum.

13) -5 + -1 =	14) -6 + 10 =
15) 2 + 8 + -3 =	16) -7 + 5 + -4 =
17) -12 + 6 + -5 =	18) -9 + 3 + -3 + 4 + 5 + -6 + 12 =

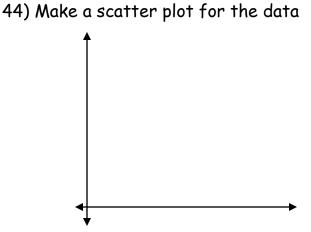


	Name	Date	Pd
	2-3 Subtracting Integers Find each difference.	(pp. 76-80)	
	19) 7 - 13 =	20) 83 =	
	21) -4 - 6 =	22) -14 =	
	23) 3 - 52 - 8 - 67 =	_24) -12 - 1113 - 5	14 - 10 =
	2-4 Multiplying Integers ((pp. 83-88)	
	Find each product . 25) -2 × 3 =	26) -7(-9) =	
	27) (-7) ² =	28) 3 x -4 x 2 x -5 x (-	1) ⁵ =
	29) -1 x 5 x -2 x 3 x -1 =	30) -2 x -2 x -2 x -2 x	2 =
	2-5 Dividing Integers (pp. Find each quotient.		
	31) -16 ÷ -4 =	32) 170 ÷ -10 =	
	33) -56 ÷ -8 =	34) ³ / ₄ ÷ -0.75 =	
	35) (42 ÷ -7) ÷ (-9 ÷ -3) =		<i>у</i> А
	36) (-50 ÷ -10) ÷ (-35 ÷ 7)=		5 4 3 2
(рр.	96-100) 2-6 Graphing In 4 Qua Graph and label each point on a coordinate plane. Name the quadra which each point is located. 37) M (-3, 3) 38) A (5, 2) 39) T (-1, -4) 40) H (2, 0)	ant in	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

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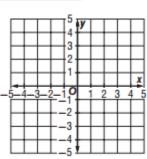
SCIENCE- Scientists believe there may be a relationship between temperatures and the number of chirps produced by crickets. The table gives the temperature and the number of chirps per minute for several cricket samples.

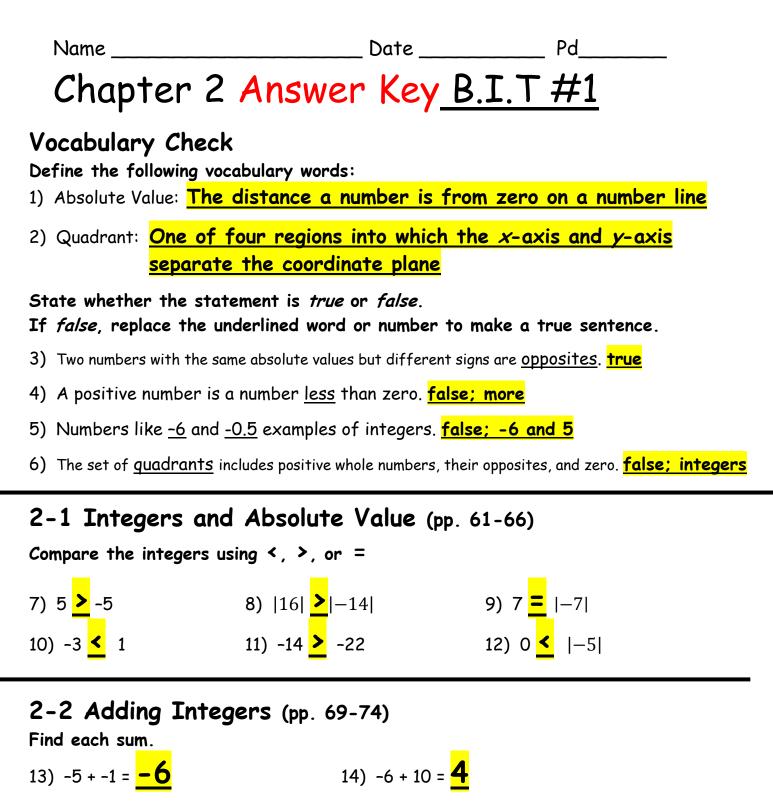


Temperature ("F)	Chirps/min
71	138
68	97
75	152
80	158
60	81
75	155
84	165

45) Does there appear to be a relationship between temperatures and chirps? If so, what type of relationship is there?

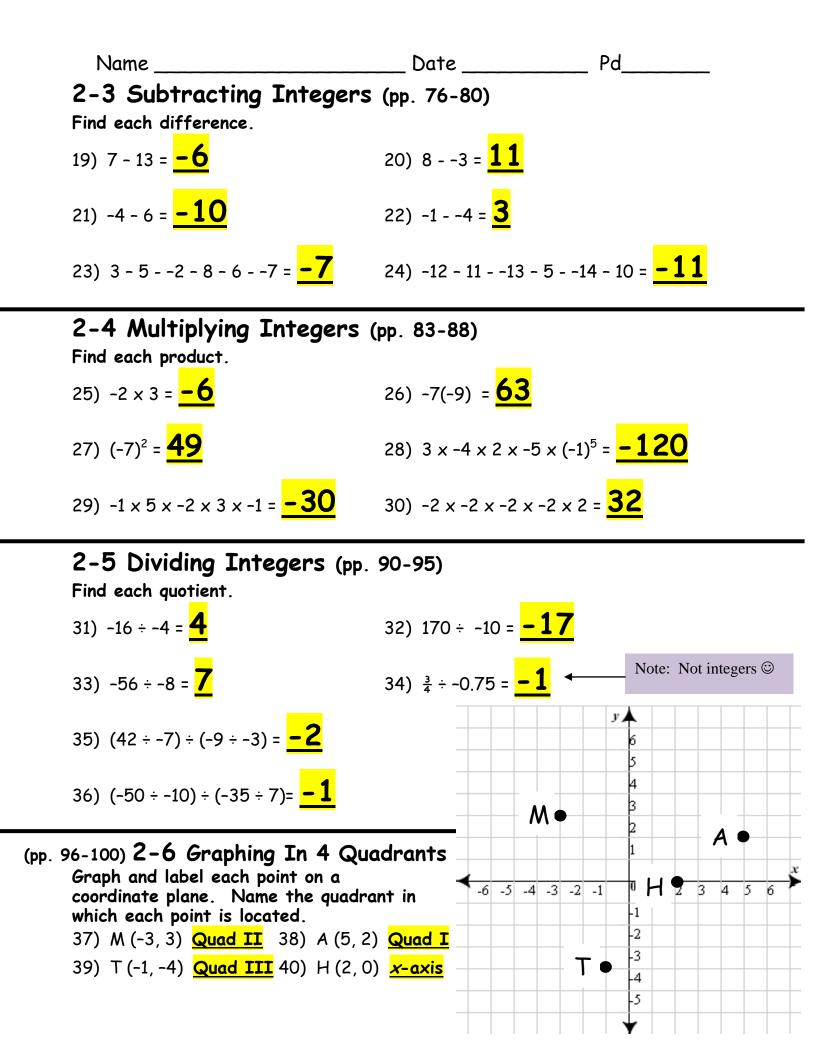
- 46) Graph & Find the coordinates of the verticies of the image of $\triangle PQR$ translated 3 units to the right and 4 units down.
- 47) The vertices of figure STUV are S(-3,2), T(-2,4), U(3,3), and V(2,1). Graph the figure and its image after a reflection over the x axis.





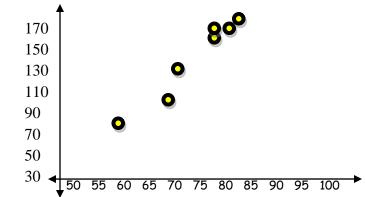
15) 2 + 8 + -3 = 7

17) -12 + 6 + -5 = **-11**



SCIENCE- Scientists believe there may be a relationship between temperatures and the number of chirps produced by crickets. The table gives the temperature and the number of chirps per minute for several cricket samples.

44) Make a scatter plot for the data



30 4 50 55 60 65 70 75 80 85 90 95 100	84	165
45) Does there appear to be a relationship		
between temperatures and chirps? If so,		
what type of relationship is there?		
YES, there is a Positive relationship between the	e temperature	and the

number of chirps of crickets.

46) Graph & Find the coordinates of the verticies of the image of $\triangle POR$ translated 3 units to the right and 4 units down.

47) The vertices of figure STUV are S(-3,2), T(-2,4), U(3,3), and V(2,1). Graph the figure and its image after a reflection over the x - axis.

Temperature ("F)	Chirps/min
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