

Name: _____ Date: _____ Period: _____

Math 7 Study Guide

Test Date: Friday, October 12, 2012

Adding Integers

Problem	Workspace
1. Solve using chips: $-10 + 3$	
2. Solve using chips: $-5 + (-2) + 7$	
3. Solve using a number line: $4 + (-5)$	
4. Solve using a number line: $-3 + 9 + (-2)$	

Adding Fractions and Decimals

Problem	Workspace
5. Solve: (Same Sign) $-2 \frac{3}{4} + (-1 \frac{4}{5})$	
6. Solve: (Different Signs) $-7.79 + 9.55$	
7. Solve: (Different Signs) $-2/3 + 1/8$	

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Problem	Workspace
8. Solve: (Convert to one form) $5.6 + (-2 \frac{3}{5})$	
9. Yannick went to the grocery store with \$18 to spend. The cashier rang up the order and his total was \$22.45. What does he owe the cashier?	
10. Mariam bought 3 puppies. Their weights were $\frac{4}{5}$ of a lb, $\frac{7}{10}$ of a lb, and $\frac{7}{5}$ pounds. what is their total weight?	

Subtracting Integers

Problem	Workspace
11. Solve using chips: $-7 - 3$	
12. Solve using chips: $0 - (-3) - 4$	
13. Solve on a number line: $9 - (-6)$	
14. Solve on a number line: $-5 - 2 - 1$	

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Subtracting Fractions and Decimals

Problem	Workspace
15. Solve: 8.11 - (-9.34)	
16. Solve: $\frac{5}{7} - \frac{1}{3}$	
17. Solve: $-\frac{1}{4} - (-\frac{1}{6})$	
18. Amado had $\frac{7}{8}$ of a Twix bar. During the day he lost $\frac{1}{2}$ of it. How much of the candy did he have left?	
19. Solve: $0.45 - 4$	
20. Carrisa was counting the money in her piggy banks. One piggy bank had \$17.49 in change and the other piggy bank had \$21.11. How much money does she have?	

Other Big Ideas

Problem	Workspace
21. What happens when you add a number and its' negative? Give an example.	

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Problem	Workspace
22. What is the definition for additive inverse? Give an example.	
23. How would you describe absolute value to someone?	
24. Solve: $ -2.5 $	
25. Will the following problems give you the same result?	$-6 - 6$ and $-6 + (-6)$

Review your notes!

Review your quiz!

Review your rules for adding and subtracting integers!

Come to class with questions :)