

Name: _____ Date: _____ Core: _____

Math 7: Unit 1 REVIEW

Solve the following problems involving absolute value.

1. $ -22 $	2. $ -8 + -3 $	3. $ -14 + 9$
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Evaluate.

4. $-10 + 14$	5. $-27 + -84$	6. $-51 - 59$
7. $180 - (-120)$	8. $-2 \cdot 14 \div (-4)$	9. $15 + (-12) - 2$
10. $42 - 20 + (-20 \div 4)$	11. $(-80 \div 10) + (-15 + 80)$	
12. $w = -8, x = 14, y = -5$ Evaluate: $2w + x + y$	13. $w = 5, x = -45, y = -23$ Evaluate: $x \div w - y$	

Simplify the expression.

14. $-2r + c - 5r + 11c$	15. $8w + 2 - 5w - 11$
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16. $6(2x + 2) - 3x$	17. $-4(3w + 3) + 15$
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#18-20: Show your work and circle the correct answer.

18. Mr. Smith lent \$32 to a friend. The following week, Mr. Smith's friend gave him \$14 back. Which expression shows how much money Mr. Smith's friend still needs to pay?	<p>A) $-\\$14 - \\$32 = -\\$18$ B) $-\\$32 + \\$14 = -\\$18$ C) $\\$14 - (-\\$32) = -\\$18$ D) $-\\$32 + \\$-14 = -\\$18$</p>
19. A football team lost 3 yards on <u>each</u> of the first two plays. On the third play, they gained 13 yards. What was the team's overall yards lost or gained after the three plays?	<p>A) 7 yards gained B) 4 yards gained C) 16 yards lost D) 21 yards lost</p>
20. A man has \$349 in his bank account. On Monday, he deposits \$110 in his bank account. On Tuesday, he deposits \$45. On Wednesday, he withdraws \$329 to go shopping. How much money does the man still have in his account?	<p>A) \$175 B) -\$833 C) \$833 D) -\$175</p>