

5.1 Adding and Subtracting Integers

Chapter 5: Introduction to Algebra

Name: _____

Date: _____

Class/Period: _____

Problem 5.1 Evaluate $-7 + (-12)$.

Problem 5.4 Evaluate $-18 + 6$.

Problem 5.2 Evaluate $14 + (-9)$.

Problem 5.5 Evaluate $9 - 15$.

Problem 5.3 Evaluate $-23 + 31$.

Problem 5.6 Evaluate $-4 - 11$.

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Problem 5.7 Evaluate $13 - (-8)$.

Problem 5.10 Evaluate $18 - (-3) - 14$.

Problem 5.8 Evaluate $-19 - (-7)$.

Problem 5.11 Evaluate $-20 + 7 - (-6)$.

Problem 5.9 Evaluate $-5 + 12 - 9$.

Problem 5.12 Evaluate $4 - 11 + 3 - (-2)$.

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Problem 5.13 The temperature is -7° . It rises 12 degrees, falls 9 degrees, and rises 4 degrees. Find the final temperature.

Problem 5.15 Insert parentheses into $-6 - 4 + 9$ so that the value becomes -19 .

Problem 5.14 A game score changes by $-15, +22, -8, -6$. Find the net change.

Problem 5.16 Explain, without using a memorized sign rule, why $-12 - (-20) = 8$.