

5.2 Multiplying and Dividing Integers

Chapter 5: Introduction to Algebra

Name: _____

Date: _____

Class/Period: _____

Problem 5.17 Evaluate $(-8)(6)$.

Problem 5.20 Evaluate $-96 \div 12$.

Problem 5.18 Evaluate $(-7)(-9)$.

Problem 5.21 Evaluate $144 \div (-16)$.

Problem 5.19 Evaluate $11(-5)$.

Problem 5.22 Evaluate $-132 \div (-11)$.

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Problem 5.23 Determine the sign of $(-2)(5)(-7)(-3)$.

Problem 5.26 Evaluate $18 - 4(-3)$.

Problem 5.24 Evaluate $(-1)^7$.

Problem 5.27 Evaluate $-5(-6) + 24 \div (-8)$.

Problem 5.25 Evaluate $(-1)^8$.

Problem 5.28 Evaluate $-36 \div 6 \cdot (-2)$.

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Problem 5.29 A debt changes by $-\$18$ each week for 7 weeks. Represent the total change with a product and evaluate it.

Problem 5.31 Without multiplying the magnitudes, determine the sign of a product containing 202 negative factors and 37 positive factors.

Problem 5.30 A diver descends at 4 meters per minute for 9 minutes. Represent the change in elevation and find it.

Problem 5.32 Find the integer n for which $(-12)n = -204$.