

# Unit Four Study Guide

Test Date: \_\_\_\_\_

**LT 4-1: I can use scale factor to find missing side lengths and areas of similar figures.**

**Key Terms: similarity and scale factor**

**Homework related to this learning target:**

**4-1 Practice worksheet, 4-67, 4-94, 9-41, 8-42, 9-52, 9-64, 9-52, 9-64, 9-68**

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**LT 4-2: I can use tables, graphs, equations, and real-life situations to describe and solve proportions.**

**Key Terms: proportional, constant of proportionality, rate, and unit rate**

**Homework related to this learning target:**

**4-2 Practice worksheet, 4-29, 4-30, 4-41, 4-51, 4-65, 4-77, 4-118, 9-45, 9-55, 4-50, 4-79, 4-96**

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**LT 4-3: I can simplify and evaluate algebraic expressions for given values.**

**Key Terms: constant terms, combining like terms, simplified, distributive property, evaluate, and algebraic**

**Homework related to this learning target:**

**4-3 Practice worksheet, 4-52, 4-80, 4-98, 4-113, 4-75, 4-93, 4-112, 4-117, 4-119**