Math Topic 9 Study Guide – Understanding Fractions

**Target: I can divide regions into equal parts.**

* Be able to tell when a shape has been divided into equal parts, and be able to name those parts. For example:



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 Name the parts: \_\_\_\_\_\_\_\_\_\_\_\_\_ Name the parts: \_\_\_\_\_\_\_\_\_\_\_

**Target: I can name the fractional part of a region.**

* Be able to name the fraction for part of a region. For example:

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Unit Fraction: \_\_\_\_\_\_\_\_\_\_\_ Unit Fraction: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Shaded Part: \_\_\_\_\_\_\_\_\_\_\_\_\_ Shaded Part: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Target: I can name the fractional part of a set.**

* Be able to name the fractional part of a set, or group, of items.
	+ What fraction of the shapes are stars? \_\_\_\_\_\_\_\_\_\_\_ What fraction are circles? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	+ Find 1/3 of 9 balls. Draw a picture to show the answer: \_\_\_\_\_\_\_\_\_\_\_\_

**Target: I can identify fractions and mixed numbers on a number line.**

* Be able to tell what fraction a point on a number line represents. On this number line, tell what A, B, C, and D represent:

 0  **A**  1 **B C** 2  **D** 3

**Target: I can use benchmark fractions to estimate fractional parts.**

* Be able to estimate the fraction of a bar that is shaded.
	+ About how much of this rectangle is shaded? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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* + About how much of this rectangle is shaded? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Target: I can use fractions to describe the length of an object.**

* Rachael is using ribbon to make a necklace. What fraction of the ribbon has she used?

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| **1/8** | **1/8** | **1/8** |

**Target: I can make a table and look for a pattern to solve a problem.**

* Be able to read a word problem and fill in a table to solve the problem.
	+ Tammy can do 5 math problems every 12 minutes. How many math problems can she do in 48 minutes?

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| **Math Problems** | 5 | 10 |  |  |
| **Minutes** | 12 | 24 | 36 | 48 |