Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Score

**Chapter 8: Divide Fractions Study Guide**

5.NF.B.7 and 5.NF.B.3

|  |  |
| --- | --- |
| **1) Draw a model to show** $ \frac{1}{4}÷2$ | Answers1) |
| **2) Draw a model to show** $4 ÷ \frac{1}{3}$ | 2) |
| **Find the quotient as a fraction in simplest form.** 3) $8 ÷ \frac{1}{6}=$ | 3) |
| 4) $2 ÷ \frac{1}{3}=$ | 4) |
| 5) $\frac{1}{4}÷5=$ | 5) |
| 6) $\frac{1}{7}÷2=$ | 6) |
| 7) $7÷2=$ | 7) |
| 8) $9÷4=$ | 8) |
| 9) $\frac{1}{4}÷\frac{5}{12}=$ |  |
| 10) $\frac{4}{5}÷\frac{2}{7}=$ |  |
| 11) $\frac{13}{15}÷\frac{3}{10}=$ |  |
| 1. Greenlake is 3 miles around. There is a distance marker every $\frac{1}{4}$ mile. How many markers are there along Greenlake?
 | 9) |
| 1. Twelve pounds of gummy bears are distributed equally into 5 bags to give out as a prize. How many pounds of gummy bears are in each bag?
 | 10) |
| 1. Mark has 4 pieces of paper. He cuts each piece into fifths. How many $\frac{1}{5}$ size pieces of paper does Mark have?
 | 11) |
| 1. Nine friends share 3 pineapples equally. What fraction of a pineapple does each friend get?
 | 12) |
| 1. Tracy, Mary, Stacy, and Wes bought $\frac{1}{3} $pound of blueberries. They are sharing the blueberries equally. How much blue berries will each person receive?
 | 13) |
| 1. Five friends share 6 sandwiches equally. What fraction of a sandwich does each friend get?
 | 14)1 |
| 1. Beth is making cake that calls for 3 cups of flour. Her measuring cup only holds $\frac{1}{4}$ cup. How many times will Beth need to fill the measuring cup to get 3 cups of flour?
 | rrr |
| 1. Cathy has $\frac{1}{3}$ pound of M&Ms that she will divide evenly into 4 bags. How much M&Ms will be in each bag?
 | rew |
| 1. Your teacher gives you the problem $4 ÷ \frac{1}{3}.$

**Part A:** Draw a diagram to represent $4 ÷ \frac{1}{3}.$**Part B:** Write a story problem to represent $4 ÷ \frac{1}{3}.$**Part C:** Write your division sentence as a multiplication equation and solve your story problem. |