

Name	Numeracy Skill Builder: Long Division			4
	Write any remainders as fractions and reduce .			
Date	$3 \overline{)25}$	$8 \overline{)506}$	$6 \overline{)1227}$	$4 \overline{)8030}$
Objectives				
1. Find a Unit Rate				
2. Compare by using Unit Rates				

Concept 1: Find a Unit Rate

Basic	Proficient	Advanced
I need 24 dollars for 6 sandwiches. Find and reduce the unit rate.	I need 18 cups of flour for 8 loaves of bread. Find and reduce the unit rate.	I need 2 teaspoons of salt for 60 cookies. Find and reduce the unit rate.

Concept 2: Compare by using Unit Rates

Basic	Proficient	Advanced
Andrew drives 150 miles in 4 hours. How fast does he drive?	Andrew drives 120 miles in 2 hours. Erika drives 196 miles in 3 hours. Who drives faster?	Andrew drives 228 miles in 4 hours. Erika drives 281 miles in 5 hours. Who drives faster and by how much?

Test Prep

	Work / Explanation
1. Which number is the additive inverse of $-\frac{3}{5}$?	
A $\frac{5}{3}$	C $-\frac{3}{5}$
B $-\frac{5}{3}$	D $\frac{3}{5}$
2. Which number is the multiplicative inverse of $-\frac{3}{5}$?	
A $\frac{5}{3}$	C $-\frac{3}{5}$
B $-\frac{5}{3}$	D $\frac{3}{5}$

Algebra A

Name: _____

Chapter 5, Lesson 1: Notes

Main Concept

Find Unit Rate

I need 8 feet of wrapping paper to wrap 5 presents.

I run 3 miles in 21 minutes.

I need 3 cups of sugar for 2 cakes. Find the unit rate.

I spend \$265 every 4 weeks. Find the unit rate.

To answer a “how fast” question, use a unit rate.

I save 400 dollars every 3 months. How fast is my bank account growing?

A tree grows 4 inches in 12 years. How fast is it growing?

Comparing Quantities

Find the unit rate of each quantity. Compare the unit rates.

Samantha ran 96 meters in 40 seconds. Juan ran 110 meters in 50 seconds. Who ran faster?

Frank earned \$74 in 8 hours. Jasmine earned \$105 in 12 hours. Who has a better paying job?

Rate yourself on each of today's objectives.

Find a Unit Rate	Below Basic	Basic	Proficient	Advanced
Compare by using Unit Rates	Below Basic	Basic	Proficient	Advanced