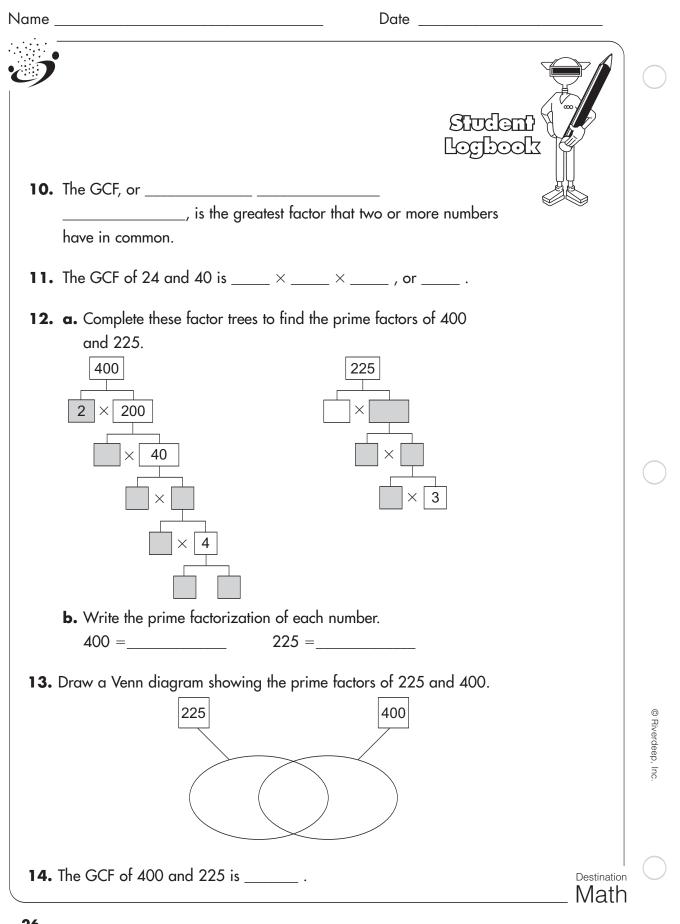
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Date

ld	UNIT 1: Numbers as Factors Studia Ientifying Common Factors	
As	you work through the tutorial, complete the following.	
1.	What is your mission for this lesson?	Key Words: Prime number
2.	Is 12 a prime factor of 24? Why or why not?	Composite num Venn diagram Common factor Greatest Comm Factor
3.	is a way to write a	Learning Objectives: • Find the com
•••	number as the product of its prime factors.	factors of two whole numbe
4.	The prime factorization of 24 is \times \times	 Use factor tre and a Venn diagram to identify the
5.	A diagram is a way to display objects that have certain properties in common.	Greatest Com Factor of two digit numbers • Find the Grea
6.	The prime factorization of 40 is \times \times	Common Fact two 3-digit numbers.
7.	The greatest factor that 24 and 40 have in common is	
8.	What do you know about the numbers that appear in the overlapping region of a Venn diagram?	
9.	In this Venn diagram, the overlapping region shows the factors common to and	



Date Name COURSE: MSC III MODULE 1: Numbers and Number Sense UNIT 1: Numbers as Factors **Identifying Common Factors 1.** Use these factor trees to find the prime factorizations of 36 and 48. 36 48 \times \times 6 12 6 Х Х X Х Prime factorization of 36: _____ Prime factorization of 48: _____ 2. Use this Venn diagram to show the prime factors of 36 and 48. 36 48 3. The Greatest Common Factor of 36 and 48 is ______. Explain how you found your answer. © Riverdeep, Inc. _____ _____ Destination Math

Name	Date	
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	nmon Factor of 54 and 72? r two factor trees to explain your answer.	
5. Use the space below and factorization of 220 and	d create factor trees to find the prime 620.	\bigcirc
·	common to 220 and 620? and 660? Explain:	
example of two numbers who	pers is not always a prime number. Give an pers whose GCF is prime, ose GCF is not prime, wo 2-digit composite numbers that have	© Riverdeep, Inc.
no common factor	and	Destination Oracle And