U	nit '	2 Sti	ıdv	Guide	This is the first half
U		2 ວແ	JUV	Guiue	I his is the first hait.

3.	What is	the prime	factorization	of 51?
----	---------	-----------	---------------	--------

D. 25×26

You'll get the second Half tomorrow] Student	A. 3×17	
Class Date	B. 1×3×17	
1. In 2011, Molly and Jerry both went to	C. 1×51	

- the beach. Molly goes to the beach every 2 years. Jerry goes to the beach every 3 years. What is the next year that both Molly and Jerry will go to the beach in the same year? **A.** 2013
 - **B.** 2016 **C.** 2017
- 2. What is the prime factorization of 36? **A**. 9 A. $2^2 \times 3$ **B**. 18 **B.** $2^2 \times 3^2$
 - **C.** $2^3 \times 3$
 - **D.** $2^3 \times 2^3$

D. 2018

- 4. Olivia has 54 slices of ham and 27 slices of cheese to make sandwiches. • All sandwiches will have ham and cheese on them.
 - Each sandwich will have the same number of cheese slices.
 - Each sandwich will have the same number of ham slices. What is the greatest number of sandwiches that Olivia can make?
- **C**. 27 **D**. 54
- 5. What is the prime factorization of 50?
 - **A.** 2×2^5
 - **B.** 2×5^2
- **C.** 5×5^2
- **D.** 2×25

6. Which of the following shows the prime factorization of 75?

A. $5^2 \times 3$

B. $3^2 \times 5$

C. $2^3 \times 5$

D. $2 \times 3 \times 5$

9. Which expression is equal to 72 + 99?

- **A.** 3(24 + 23) **B.** 3(24 + 32) **C.** 9(8 + 11)
 - **D**. 9(8 + 12)
- 7. Which of the following pairs of numbers has 12? 16 as their greatest common factor? **A.** 32, 48 **B.** 32, 62 **C.** 48, 36 **D.** 72 **D.** 42, 16

10. What is the least common multiple of 6 and

A. 6 **B.** 12 **C.** 18

8. What is the least common multiple (LCM) for 3 and 12?

A. 3

B. 6

- **C.** 12
- **D.** 24

🙆 schoolnet

Unit 2 Study Guide

Page 1 / 2

🙆 schoolnet

Unit 2 Study Guide

Page 2 / 2