

# Assignment Record Sheet

Math Core A

Full Name: \_\_\_\_\_

**Week: 9/23-9/27**

Unit Name: Prime Time

Period: 4

Date Assigned	Focus Question??	Homework (IP=in packet)	Meets Expectation (15 points)	Approaching Expectations (5 points)	Below Expectation (0 points)
<b>Monday Sept. 23</b>	<i>How can you decide when finding common multiples is useful in solving a problem?</i>	<b>WU:</b> Vocabulary (IP) <b>CW:</b> Prob. 2.1 A, B & D p. 30; Video Launch <b>HW:</b> ACE #1-4 p. 34	<b>WU:</b> <b>CW:</b> <b>HW:</b>		
<b>Tuesday Sept. 24</b>	<i>How can you decide when finding common multiples is useful in solving a problem?</i>	<b>WU:</b> None <b>CW:</b> STAR 360 <b>HW:</b> None	<b>WU:</b> <b>CW:</b> <b>HW:</b>		
<b>Wed. Sept. 25</b>	How can you find the least common multiple of two or more numbers?	<b>WU:</b> Video Launch <b>CW:</b> Prob. 2.2 A-B p. 32 <b>HW:</b> ACE #16-19 p. 34	<b>WU:</b> <b>CW:</b> <b>HW:</b>		
<b>Thursday Sept. 26</b>	How can you decide when finding common factors is useful in solving a problem? How can you find the GCF of two numbers?	<b>WU:</b> Multiplication/Word Problems wkshts <b>CW:</b> Prob. 2.3 A-B p. 33 <b>HW:</b> ACE #30, 32 & 33 p. 36	<b>WU:</b> <b>CW:</b> <b>HW:</b>		
<b>Friday Sept. 27</b>	How can you decide when finding common factors is useful in solving a problem? How can you find the GCF of two numbers?	<b>WU:</b> None <b>CW:</b> Partner Quiz Review <b>HW:</b> None <b>Turn in your packet</b>	<b>WU:</b> <b>CW:</b> <b>HW:</b>		

**Total Homework Score for the Week: \_\_\_\_\_/75**

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**Daily Materials Score \_\_\_\_\_/25**

W/u

Name ..... Date 9/23/19 ..... Class Per. 4/34

# Prime Time

Complete the vocabulary chart by filling in the missing information.

Term	Definition	Example
divisor	A number that divides a given number leaving a zero remainder.	$20 \div 5 = 4$ 5 is a divisor of 20.
factor	One of two or more whole numbers that are multiplied to get a product.	5 and 10 are both factors of 50.
composite number	A whole number with factors other than itself and 1.	6, 15, 20, 28
prime number	A number with exactly two factors, 1 and the number itself.	1 is not a prime number, but 3 and 5 are prime numbers.
multiple	A product of a whole number.	Multiples of 3 include: 3, 6, 9, 12... 12 is a multiple of 3.
square number	A number that is a result of that number multiplied by itself.	$9 = 3 \times 3$ $64 = 8 \times 8$
least common multiple (LCM)	The least multiple that two or more numbers share.	6 and 8 shared multiples: 24, 48, 72 24 is the (LCM)
greatest common factor (GCF)	The greatest factor that two or more numbers share.	1, 2, 3 & 6 are common factors of 12 and 30. 6 is the (GCF) of both.

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## Partner Quiz Review for use after Investigation 2

1. Evonne and Dolphus found a new Product Game board. Three of the factors and one of the products were missing.

4	6	8	9
12	16	18	24
27	32	36	48
54	64	72	?

2 ■ ■ ■ 8 9

- a. What are the three factors Evonne and Dolphus need in order to play the game using this board?
- b. What product is missing?
2. Jill says that 6 is a common factor of 56 and 36. Is she correct? Explain.

## Partner Quiz Review (continued)

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3. Two radio stations are playing this week's #1 hit song. One radio station plays the song every 18 minutes. The other radio station plays the song every 24 minutes. Both stations play the song at 3:00 P.M. When is the next time the stations will play the song at the same time? Explain.
4. Judith is planning a party for her younger brother. She has 36 prizes and 24 balloons. What is the greatest number of children who can attend the party so that each child gets an equal number of prizes and an equal number of balloons? Explain.