

# Assignment Record Sheet

Math Core A

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

**Week: 9/16-9/20**

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. 16</b>	<i>How do you know when you have found all of the factors of a number?</i>	<b>WU:</b> None <b>CW:</b> Beginning of Year Assessment – Day 2 <b>HW:</b> None		<b>WU:</b> <b>CW:</b> <b>HW:</b>		
<b>Tuesday Sept. 17</b>	<i>How do you know when you have found all of the factors of a number?</i>	<b>WU:</b> Video Launch <b>CW:</b> Prob. 1.4 A-B p.16 <b>HW:</b> ACE #2 p.17		<b>WU:</b> <b>CW:</b> <b>HW:</b>		
<b>Wed. Sept. 18</b>	<i>How do you know when you have found all of the factors of a number?</i>	<b>WU:</b> Vocabulary Review (IP) <b>CW:</b> Chapter 1 Review <b>HW:</b> Study for Quiz		<b>WU:</b> <b>CW:</b> <b>HW:</b>		
<b>Thursday Sept. 19</b>	<i>How do you know when you have found all of the factors of a number?</i>	<b>WU:</b> None <b>CW:</b> Check Up 1 Quiz <b>HW:</b> None		<b>WU:</b> <b>CW:</b> <b>HW:</b>		
<b>Friday Sept. 20</b>	<i>How do you know when you have found all of the factors of a number?</i>	<b>WU:</b> None <b>CW:</b> STAR 360 <b>HW:</b> None Turn in your packet		<b>WU:</b> <b>CW:</b> <b>HW:</b>		

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

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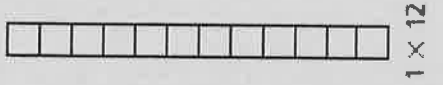
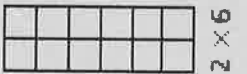
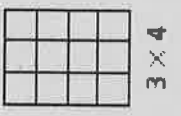
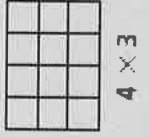
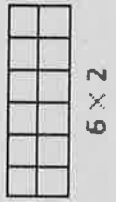
**Daily Materials Score \_\_\_\_\_/25**

c/w  
9/17/19

Per. 4

# Problem 1.4

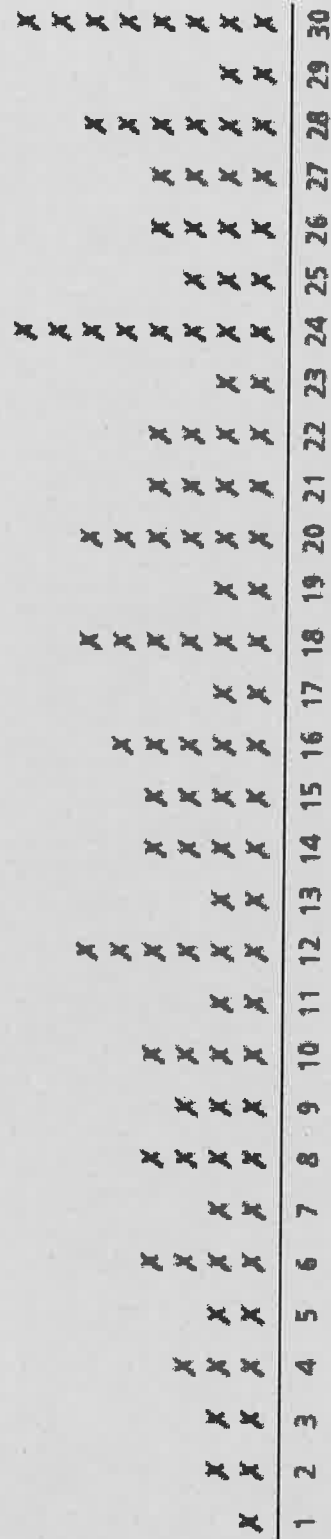
## Configurations of 12 Square Yards



# Problem 1.4

## Line Plot of Factors for Numbers 1 to 30

*(Example Only)*



W/u

Name ..... Date 9/18/19 ..... Class Per. 4

## 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.	$9 = 3 \times 3$ $64 = 8 \times 8$
<del>least common multiple (LCM)</del>	<del>X</del>	<del>X</del>
<del>greatest common factor (GCF)</del>	<del>X</del>	<del>X</del>

# Check Up 1 Review for use after Investigation 1

For Exercises 1 and 2, list all the factors of each number.

1. 28

2. 29

3. Give two examples of prime numbers and explain how you know.

4. Give two examples of composite numbers and explain how you know.

5. List five multiples of 10.

6. Which of these numbers are square numbers? Explain.

9

36

46

7. Decide whether each statement is *true* or *false*. Explain your reasoning.

a. 1, 2, 3, 4, 6, 8, 12, and 24 are all of the factors of 24.

b. 12 is a square number.