

Assignment Record Sheet

Math Core A

Full Name: _____

Week: 9/9-9/13

Unit Name: Prime Time

Period: 4

Date Assigned	Focus Question??	Homework (IP=in packet)	Meets Expectation (15 points)	Approaching Expectations (7 points)	Below Expectation (0 points)
Monday Sept. 9	<i>How can you find all the factors (or divisors) of a number?</i>	WU: Vocabulary (IP) CW: Prob. 1.1 A-C p. 10 HW: ACE #1 & 2 p. 17	WU: CW: HW:		
Tuesday Sept. 10	<i>What information about a number can you find by looking at its factors?</i>	WU: 5 Minute Frenzy (IP) CW: Prob. 1.2 A (IP), B p.11 HW: Factorization wksht (IP)	WU: CW: HW:		
Wed. Sept. 11	<i>What information about a number can you find by looking at its factors?</i>	WU: Word Problems wksht (IP) CW: Prob. 1.2 C-E p.11 HW: ACE #10 p. 18	WU: CW: HW:		
Thursday Sept. 12	<i>If you know one factor of a number, how can you find another factor of the number?</i>	WU: Multiplication wksht (IP) CW: Prob. 1.3 Video Launch; The product Game HW: ACE #15 p.20	WU: CW: HW:		
Friday Sept. 13	<i>If you know one factor of a number, how can you find another factor of the number?</i>	WU: None CW: Beginning of Year Assessment HW: None Turn in your packet	WU: CW: HW:		

Total Homework Score for the Week: _____/75

--	--	--	--	--

Daily Materials Score _____/25

Name

Date 9/9/19

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 together 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)	X	X
greatest common factor (GCF)	X	X

Name _____

c/w

Date

9/9/18

Class

Per. 4

Labsheet 1.1A

The Factor Game Board

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30

Five Minute Multiplying Frenzy (A)

Write the product of the column and row numbers in each space.

(Range 0 to 9)

×	6	3	9	2	5	8	0	7	4	1
1										
4										
6										
7										
2										
0										
8										
5										
3										
9										

Time: _____

/100

Name _____

c/w Date 9/10/19

Class Per 4

Labsheet 1.2

Table for Recording First Moves

A

Possible First Move	Proper Factors	My Score	Opponent Score
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

Name : _____

HW
9/10/19

Score : _____

Listing the factors

ES1

List out all the possible factors for each number.

1) 24

2) 35

3) 9

4) 42

5) 50

6) 19

7) 12

8) 28

9) 7

10) 16

11) 18

12) 45

Name : _____

Score : _____

Teacher : _____

Date : 9/11/19

Division Word Problems

- 1) Jessica's shelves hold 20 books each. How many shelves will Jessica need if Jessica has 100 books? _____
- 2) There were a total of one hundred and fifty-four football games in the season, and seven are played at night. The season is played for fourteen months. How many games were played each month, if each month has the same number of games? _____
- 3) A teacher has 396 pieces of candy. If there are 44 students, 6 of whom are boys, if divided evenly, how many pieces of candy will each student get? _____
- 4) Dan earns twenty-four dollars cleaning a home. How many homes did he clean, if he made one hundred and sixty-eight dollars? _____
- 5) There are four hundred and twenty students at a school. If each classroom holds thirty students, how many classrooms are needed at the school? _____
- 6) Sandy, Sally, Melanie, and Nancy each bought 200 Pokemon cards which come in packs of 20. Sally also has 17 baseball cards. How many packs of Pokemon cards do they have in all? _____
- 7) Sandy bought 360 crayons that came in packs of 15. How many packs of crayons did Sandy buy? _____
- 8) Jason has ninety-six muffins, which he needs to box up into dozens. How many boxes does he need? _____
- 9) Fred has 147 orange balloons and 44 black balloons. Fred has 21 times more orange balloons than Tom. How many orange balloons does Tom have? _____
- 10) Sara has saved one thousand six hundred cents over five days from selling lemonade. How many dollars does Sara have? _____



W/4
9/12/19
Per. 4

2-Digit by 1-Digit Multiplication (A)

Multiply to determine each product.

$$\begin{array}{r} 66 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \times 3 \\ \hline \end{array}$$

2-Digit Multiplication (A)

Multiply to determine each product.

$$\begin{array}{r} 70 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ \times 41 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ \times 83 \\ \hline \end{array}$$