Althost There Test: 6.NS.1-4 (S+)

Name_____**Date** _____ **Block #_____**

Show ALL of your work for full credit!! Use CUBES for all word problems. Your final answer MUST be on the answer line. DO YOUR BEST!!!!

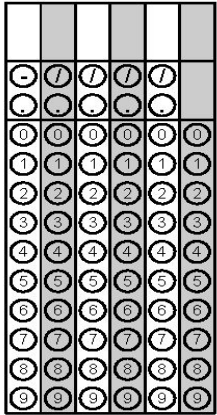|	
Novice (0% - 59%) Apprentice (60% - 74%) Practitioner (75% - 89%) Expert (90% - 100%)	
6.NS.1 (Fractions)	**6.NS.2 (Long Division)**
6.NS.3 (Decimals)	**6.NS.4 (GCF and LCM)**

6.NS.1

1. Mrs. Marks bought 3½ bags of fertilizer for her plants. She plans on using ½ bags on each of her plants. How many plants can she use fertilizer on?

Answer _____

Work

6.NS.2

2. What is the **quotient** of 780 and 15?

Answer _____

Work

6.NS.3

Use the following values to solve questions 3 - 4

A = 3.01	B = 2.12	C = 17.9	D = 9.08
E = 7	F = 4	G = 2.007	H = 9.8
I = 0.3	J = 3.33	K = 1.1	L = 20.6

3. What is the **difference** of E and J?

Answer _____

4. What is the **product** of C and K?

Answer _____

6.NS.4

5. What is the **LCM** of 6 and 5?

Answer _____

6.NS.4

6. Jane and her friends are going on a hiking trip. Jane wants to make snack packs of apples and trail mix to take on the trip. She has 12 apples and 16 small bags of trail mix. What is the **greatest** number of snack packs Jane can make if each pack must have the same number of apples and the same number of bags of trail mix with none left over?

Answer _____

Name_____**Date** _____ **Block #**_____

Show ALL of your work for full credit!! Use CUBES for all word problems. Your final answer MUST be on the answer line. DO YOUR BEST!!!!

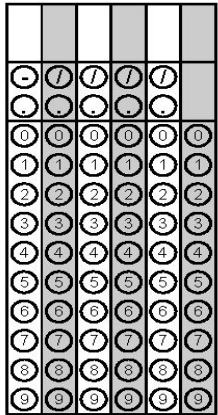| Novice (0% - 59%)   Apprentice (60% - 74%)   Practitioner (75% - 89%)   Expert (90% - 100%) |
| --- |
| **6.NS.1 (Fractions)**   **6.NS.2 (Long Division)** |
| **6.NS.3 (Decimals)**   **6.NS.4 (GCF and LCM)** |

6.NS.1	Work
1. Mrs. Marks bought 11⅔ bags of fertilizer for her plants. She plans on using 1⅔ bags on each of her plants. How many plants can she use fertilizer on? Answer _____	
6.NS.2	Work
2. There are 1500 students and each bus holds 35 students. The last bus will not be full, how many students will be on the last bus? Answer _____	

6.NS.3

Use the following values to solve questions 3 - 4.

A = 3.01	B = 15.31	C = 16.3	D = 9.08
E = -20	F = 3.06	G = 2.007	H = -6.8
I = 3	J = 2.22	K = -2.2	L = 20.6

3. What is the **product** of D and H?

Answer _____

4. What is the **quotient** of K and E?

Answer _____

6.NS.4

5. Person 'a' blinks every 12 seconds. Person 'b' coughs every 8 seconds. How many seconds will it take these two people to blink and cough at the same time for the **3rd time**?

Answer _____

6.NS.4

6. Jane wants to make a snack pack for her friends going on a hiking trip. She has 25 apples, 60 oranges, and 40 grapes. What is the **greatest** number of friends Jane can make a snack pack for if each snack pack has the same number of apples, oranges, and grapes with none left over?

Answer _____