

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

Date: \_\_\_\_\_

**SOL 4.5a ASSESSMENT**

**Directions: Solve for each of the problems. If there is a box by the problem, write your final answer in the box.**

**1. Circle the common multiples for 3, 4, and 6.**

6	12	15	24	30	36	42
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**2. Circle the common multiples of 4, 6, and 12.**

12	20	24	32	36	48	54
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**3. What is the least common multiple of 2 and 8?**

- a. 4
- c. 16

- b. 8
- d. 24

**4. What is the least common multiple of 5 and 12?**

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**5. Circle the common factors for 24, 48, and 60.**

1	2	3	4	5	6	8	10	12
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6. Circle the common factors for 30, 54, and 72.

1	2	3	4	6	8	10	12	15
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7. What is the greatest common factor for 36 and 48?

- a. 3
- c. 6

- b. 4
- d. 12

8. What is the greatest common factor for 12 and 108?

9 - 11. For each set of numbers in the table, select the least common multiple.

	Set of Numbers	Least Common Multiple
9.	6, 12	
10.	3, 6, 15	
11.	4, 8, 12	

12	48
24	28
30	36