

Name: _____ Date: _____

LCM GRADED ASSIGNMENT

1. (a) What does LCM stand for? _____

(b) What strategy do we use for LCM? _____

2. Circle five common multiples for 4 and 8.

4	8	16	20	24	32	40
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3. Circle four common multiples for 2 and 10. (*Hint: You may have to go past 12)

10	20	24	30	36	40	45
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4. What is the least common multiple of 2 and 8?

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|-------|-------|
| a. 4 | b. 8 |
| c. 16 | d. 24 |

5. What is the least common multiple of 5 and 10?

- | | |
|-------|-------|
| a. 5 | b. 20 |
| c. 10 | d. 30 |

6. Circle three common multiples for 3, 4, and 6.

6	12	15	24	30	36	42
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7. Circle four common multiples of 4, 6, and 12.

12	20	24	32	36	48	54
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8. What is the least common multiple of 2, 4, and 6?

- a. 12
- c. 24

- b. 36
- d. 48

9. What is the least common multiple of 4, 8, and 10?

- a. 10
- c. 30

- b. 20
- d. 40

10. Which list of numbers contains only common multiples of 4 and 12?

- a. 8, 12, 16, 20
- b. 4, 8, 12, 16
- c. 12, 16, 20, 24
- d. 12, 24, 36, 48