

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

### GCF GRADED ASSIGNMENT

1. (a) What does GCF stand for? \_\_\_\_\_

(b) What strategy do we use for GCF? \_\_\_\_\_

2. Circle three common factors for 12 and 20.

1	2	3	4	5	6	10
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3. Circle six common factors for 12 and 36.

1	2	3	4	6	9	12
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4. What is the greatest common factor of 16 and 18?

a. 1	b. 2
c. 4	d. 6

5. What is the greatest common factor of 20 and 40?

a. 1	b. 5
c. 10	d. 20

6. Circle six common factors for 18 and 36.

1	2	3	4	6	9	18
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## GCF GRADED ASSIGNMENT

**7. Circle three common factors of 12, 20, and 24.**

1    2    3    4    6    12    24

8. What is the greatest common factor of 4, 6, and 15?

**9. What is the greatest common factor of 36 and 72?**

**10. Which list of numbers contains only common factors of 16 and 36?**

- a. 1, 2, 4, 16
- b. 2, 8, 16, 18
- c. 1, 2, 4, 18
- d. 1, 2, 3, 6