

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
---	---	---	---	---	---	----

3. Circle six common factors for 12 and 36.

1	2	3	4	6	9	12
---	---	---	---	---	---	----

4. What is the greatest common factor of 16 and 18?

- a. 1
- c. 4

- b. 2
- d. 6

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

- a. 1
- c. 10

- b. 5
- d. 20

6. Circle six common factors for 18 and 36.

1	2	3	4	6	9	18
---	---	---	---	---	---	----

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

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

**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?**

- a. 1
- c. 3

- b. 2
- d. 5

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

- a. 9
- c. 36

- b. 18
- d. 12

**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