

Name: _____

Date: _____

1)

- a. List all the factors of 8. _____
- b. List all the factors of 24. _____
- c. What factors do 8 and 24 have in common? _____
- d. What is the **greatest common factor** of 8 and 24? _____

2)

- a. List all the factors of 45. _____
- b. List all the factors of 27. _____
- c. What factors do 45 and 27 have in common? _____
- d. What is the **greatest common factor** of 45 and 27? _____

3)

- a. List all the factors of 14. _____
- b. List all the factors of 24. _____
- c. What factors do 14 and 24 have in common? _____
- d. What is the **greatest common factor** of 14 and 24? _____

4)

- a. List all the factors of 42. _____
- b. List all the factors of 22. _____
- c. What factors do 22 and 42 have in common? _____
- d. What is the **greatest common factor** of 22 and 42? _____

5) Find the **greatest common factor** of 28 and 42. Explain your thinking.6) Find the **greatest common factor** of 32 and 56. Explain your thinking.