

Factors

Name _____

Date _____

Common factors are numbers that are factors of two or more products.

$$1 \times 6 = 6$$

$$2 \times 3 = 6$$

Factors of 6: 1, 2, 3, 6

$$1 \times 12 = 12$$

$$2 \times 6 = 12$$

$$3 \times 4 = 12$$

Factors of 12: 1, 2, 3, 4, 6, 12

Common factors of 6 and 12: 1, 2, 3, and 6.

Greatest Common Factor (GCF): 6

List all the factors of each.

1. 2 _____

2. 5 _____

3. 9 _____

4. 10 _____

5. 12 _____

6. 14 _____

7. 24 _____

8. 28 _____

9. 27 _____

10. 15 _____

11. 37 _____

12. 42 _____

List all the common factors of each set of numbers.
Then circle the GCF.

13. 8 and 10 _____

14. 2 and 10 _____

15. 12 and 15 _____

16. 8 and 9 _____

17. 10 and 20 _____

18. 6 and 18 _____

19. 4, 12, and 16 _____

20. 9, 12, and 18 _____

21. 18, 27,
and 36 _____

22. 20, 40,
and 60 _____