Preparation for Factoring

In this worksheet, you will answer riddle-like questions that will prepare you for the process of factoring monic binomials.

Instructions: Each question below describes the properties of two numbers. Use the given information to determine what the two numbers are.

1. The sum is 5 and the product is 6.

2. The sum is 6 and the product is 5.

3. The sum is 7 and the product is 10.

4. The sum is 10 and the product is 25.

5. The sum is -4 and the product is 3.

6. The sum is -5 and the product is 6.
7. The sum is -6 and the product is 8.

8. The sum is 1 and the product is -6.

9. The sum is -1 and the product is -6.

10. The sum is 2 and the product is -35.

11. The sum is 0 and the product is -9.

12. The sum is 0 and the product is -16.

13. The sum is 10 and the product is 21.

14. The sum is -11 and the product is 24.

15. The sum is -8 and the product is -9.