

SKILL

Skills Readiness**5 Prime and Composite Numbers**

Prime Numbers	Composite Numbers
A prime number is a whole number, greater than 1, that has exactly two factors, 1 and the number itself.	A composite number is a whole number, greater than 1, that has more than two factors.
Example 1: Prime Number	Example 2: Composite Number
Factors of 17: {1, 17} → 17 is a prime number.	Factors of 18: {1, 2, 3, 6, 9, 18} → 18 is a composite number.

To determine whether a number is prime or composite:

- Step 1: List all the factors of the number.
- Step 2: If there are exactly two factors, then the number is prime; if there are more than two factors, the number is composite.

Practice on Your Own

List all the factors of the numbers.

1. 33

2. 23

3. 90

4. 20

Tell whether each number is prime or composite. If the number is composite, write it as the product of two numbers.

5. 25

6. 46

7. 7

8. 12

9. 137

10. 43

11. 121

12. 19

Check

Tell whether each number is prime or composite. If the number is composite, write it as the product of two numbers.

13. 27

14. 13

15. 81

16. 28

17. 31

18. 18

19. 21

20. 83
