



A prime number has exactly two factors: 1 and itself.

Examples: 2, 3, 5, 7, 11

A composite number has more than two factors.

Examples: 4, 6, 8, 9, 12

Prime or Composite?

Write **P** for Prime or **C** for Composite.

Number	P or C
13	_____
21	_____
29	_____
35	_____
41	_____
51	_____
67	_____
81	_____
97	_____
99	_____



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Circle the Prime Numbers

Which of these numbers are prime? - Circle them.

7 12 17 19 24 31 33 37 42 43

Find the Factors

List all the factors of each number.

1. $18 =$ _____

2. $23 =$ _____



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3. $36 =$ _____

4. $47 =$ _____

5. $50 =$ _____

What is the smallest prime number? _____

Why is 1 not a prime number?



Find three consecutive prime numbers that add up to 41.

A number is prime and greater than 50 but less than 60. It is also odd and not divisible by 3. What numbers could it be?



Find all the prime numbers between 50 and 80.

Use the clues to find the mystery number.

- It is a prime number.
- It is greater than 40.
- It is less than 50.
- The digits add up to 7.

Mystery Number = _____