

Lesson 9a: Prime and Composite Numbers

Objective: Identify prime and composite numbers

Complete in your journal.

Warm-up: Math Minute

Learn About It: Write the vocabulary words in your journal.

1. Product – the answer to a multiplication problem
Example: $2 \times 2 = 4$, 4 is the product
2. Factor – a number that is multiplied by another number to find a product
Example: $3 \times 4 = 12$, 3 and 4 are factors
3. Prime number – a whole number greater than 1 that has exactly two factors, 1 and itself Example: $7 = 1 \times 7$, no other numbers multiplied will give you 7
4. Composite number – a whole number that has more than 2 factors.
 $1 \times 4 = 4$, $2 \times 2 = 4$ The factors of 4 are 1, 2, and 4
5. Rainbow factor tree – Is when you list all of the factors in order from least to greatest.



Example: $12 = 1, 2, 3, 4, 6, 12$

Prime & Composite PowerPoint

[Sieve of Eratosthenes Activity](#)

Practice 9.1

Homework: 9.1

App of the Day:

Factor Samurai
Panasomic Prime Smash
Prime Numbers

