**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**MONDAY**

**Part I: Fill in the chart below.**

|  |  |  |
| --- | --- | --- |
| **Number** | **Factors** | **Prime or Composite?** |
| 1.  **4** |  |  |
| 2.  **11** |  |  |
| 3.  **16** |  |  |
| 4.  **23** |  |  |

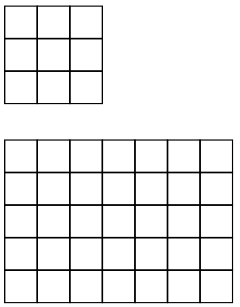
****

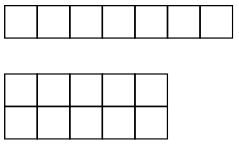
**Part II: Circle all of the lists that contain one prime**

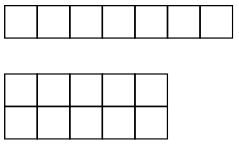
**number and two composite numbers?**

1, 33, 45 2, 45, 77 7, 45, 77

7, 33, 45 2, 13, 33 1, 13, 33

**Part III: Circle each of the following arrays that represent a composite number.**



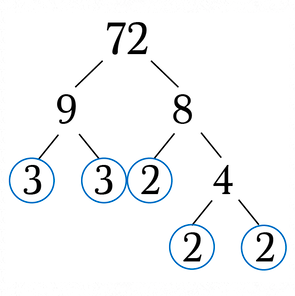


**Prime/Composite HW**

**TUESDAY**

**Determine if the following numbers are prime or composite by practicing the factor tree strategy.**

**Example:**

****The number 72 is composite.

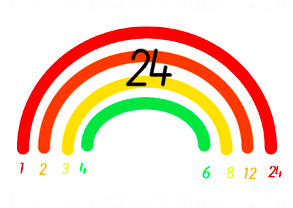
**1) 28 2) 55**

**3) 43 4) 81**

**WEDNESDAY**

**Determine if the following numbers are prime or composite by practicing the factor rainbow strategy.**

**Example:**

****The number 24 is composite.

**1) 23 2) 45**

**3) 66 4) 36**

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**THURSDAY**

**Part IV: Test Practice**

**1. Which of the following list contains only odd numbers?**

F) 2, 13, 25, and 53 G) 11, 23, 33, and 48

H) 3, 15, 21, and 39 J) 7, 9, 24, and 41

**2. Which number is a composite number between 15 and 30?**

A) 17 B) 21 C) 29 D) 32

**3. Which of the following statements best explains why 14 is an even number?**

F) All even numbers have only two factors

G) All even numbers are not divisible by 2

H) All even numbers have more than two factors

J) All even numbers are divisible by 2

**4. Which of the following statements best explains why 3 is a prime number?**

A) All odd numbers are prime numbers  
B) All even numbers are composite numbers  
C) All prime numbers have exactly two factors  
D) All prime numbers have more than two factors