

Worksheet Number (1)

Grade & Section: Grade Six ()

Unit: 1

Student's Name: _____

Date: / /

Skill/Lesson: Identify multiples, factors, prime and composite.

- **Multiple:** A multiple is a product that we get when one number is multiplied by another number.

Ex: the multiple of 6 are: 6, 12, 18, 24, 30, 36, 42 etc.

- **Factors:** are what we can multiply to get the number.

Ex: the factors of 6 are: 1, 2, 3, 6.

- **Common Multiple:** A Number that is a **multiple** of 2 or more given numbers

Ex: 12, 24 and 36 are common multiples of 4 and 6.

- **Find the first ten multiple of these numbers:**

4: _____.

7: _____.

12: _____.

25: _____.

40: _____.

- **Find all the factors of these numbers:**

5: _____.

12: _____.

18: _____.

45: _____.

60: _____.

- Mai puts 4 coins in her money box every day. Bilal puts 7 coins in his money box every day. There is a money box in their setting room with 20 coins in it. Whose money box, is it? (Explain your answer)

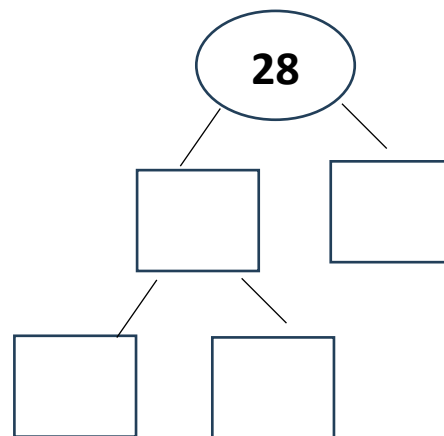
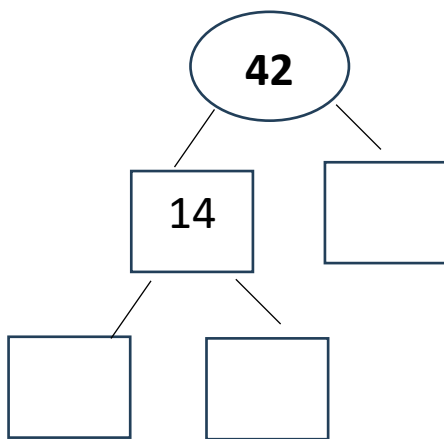
- **Prime number:** is a whole number greater than 1 that has exactly two positive factors, 1 and itself.

Ex: 2, 3, 5, 7, 11, 13, 17.

- **Composite number:** is a whole number that has more than two positive factors.

Ex: 4, 6, 8, 15, 24, 25, 30.

- A composite number can be written as the product of its prime factors. This is called the **prime factorization** of the number.



GOOD LUCK 😊