Grade 5 Mathematics Quiz
Topic: Factors and Multiples

1. Find the *first five multiples* of the numbers below and find the **Lowest Common Multiples (LCM)**:

**8 and 12**

Multiples of 8:

Multiples of 12:

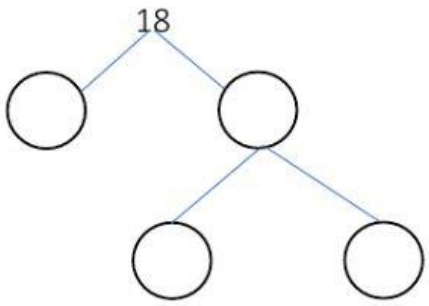
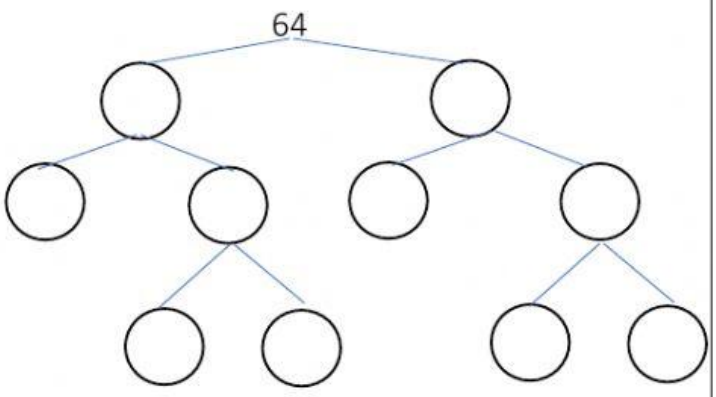
**LCM** of 8 and 12:

2. Find all the factors for the numbers below. Write from smallest to biggest.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 12 | | | | | | | |
| 32 | | | | | | | |

3. What is the **Highest Common Factors (HCF) 12 and 32** is:

4. Prime factorization. Use the factor trees to find the prime factors of the following numbers:

| | |
|---|---|
|   |   |
| 18 = ___x ___ x___ = ____ | 64 = ____ x ____ x ____ x ____x ____x _____ = ____ |

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5. Write **P** or **C** to identify all the prime and composite numbers.

**P** = Prime numbers

**C** = Composite numbers

| | |
|---|---|
| 45 | C |
| 21 | |
| 11 | |
| 23 | |
| 64 | |
| 121 | |