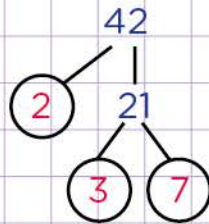


Name: ..... Class: .....

**Prime factorization**

Use a number tree to find the prime factors then write the prime factorization expression of each number?

Example of 42 :



$42 = 2 \times 3 \times 7$

20

.....

51

.....

81

.....

63

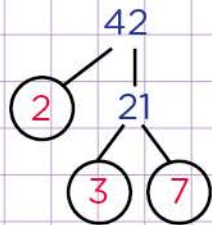
.....

Name: ..... Class: .....

**Prime factorization**

Use a number tree to find the prime factors then write the prime factorization expression of each number?

Example of 42 :



$42 = 2 \times 3 \times 7$

```

    graph TD
      20 --- 2((2))
      20 --- 10
      10 --- 2((2))
      10 --- 5((5))
    
```

$20 = 2 \times 2 \times 5$

```

    graph TD
      51 --- 3((3))
      51 --- 17((17))
    
```

$51 = 3 \times 17$

```

    graph TD
      81 --- 3((3))
      81 --- 27
      27 --- 3((3))
      27 --- 9
      9 --- 3((3))
      9 --- 3((3))
    
```

$81 = 3 \times 3 \times 3 \times 3$

```

    graph TD
      63 --- 3((3))
      63 --- 21
      21 --- 3((3))
      21 --- 7((7))
    
```

$63 = 3 \times 3 \times 7$