

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

**Prime factorization with exponents**

Write prime factorization of the following numbers using exponents.  
Order the factors from least to greatest.

90 =

20 =

72 =

36 =

54 =

42 =

88 =

66 =

108 =

111 =

242 =

412 =

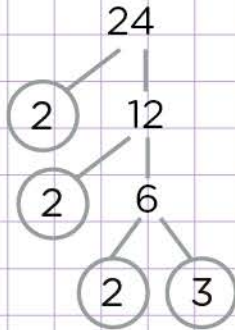
Name: ..... Class: .....

**Prime factorization with exponents**

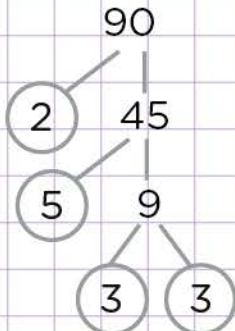
Write prime factorization of the following numbers using exponents.  
Order the factors from least to greatest

Example :  $24 = 2^3 \cdot 3$

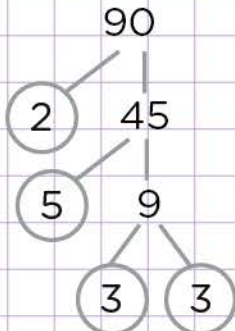
$90 = 2 \cdot 5 \cdot 3^2$



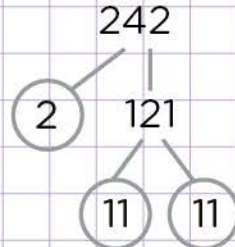
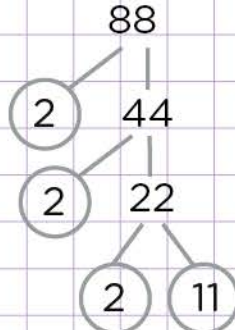
$72 = 2^3 \cdot 3^2$



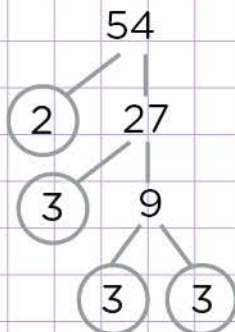
$54 = 2 \cdot 3^3$



$88 = 2^3 \cdot 11$



$108 = 2^2 \cdot 3^3$



$242 = 2 \cdot 11^2$

