

Factors and Greatest Common Factors 2.9.17

Assessment return

Find all the factors of 36

1x36 2x18 3x12 4x9 5x6

Find the factors of 23

1x23

Find the prime factorization of 90

$2 \times 3 \times 3 \times 5$

Find the factorization of -140

First separate into -1×140 and then do the prime factorization.

Find the prime factorization of the following

a. $12a^2b^3$

b. $-66pq^2$

You try

Find the prime factorization of 48 and 60.

The common factors are 2's and 3's or 12. The greatest common factor (GCF)

GCF=The greatest number that is a factor of both original numbers

Find the GCF of

$36x^2y$ and $54xy^2z$

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