GCF & LCM · GRADE 7

Prime factorization · Grade 7

Name _____ Date _____ Score _____ / 12

01 Prime factorization of 70 = ____

02 Prime factorization of 238 = ____

03 Prime factorization of 459 = ____

04 Prime factorization of 216 = ____

05 Prime factorization of 120 = ____

06 Prime factorization of 140 = ____

07 Prime factorization of 66 = ____

08 Prime factorization of 374 = ____

09 Prime factorization of 396 = ____

10 Prime factorization of 56 = ____

11 Prime factorization of 357 = ____

12 Prime factorization of 68 = ____

Prime factorization · Grade 7 (Answer Key)

01 Prime factorization of 70 =

$2 \times 5 \times 7$

02 Prime factorization of 238 =

$2 \times 7 \times 17$

03 Prime factorization of 459 =

$3^3 \times 17$

04 Prime factorization of 216 =

$2^3 \times 3^3$

05 Prime factorization of 120 =

$2^3 \times 3 \times 5$

06 Prime factorization of 140 =

$2^2 \times 5 \times 7$

07 Prime factorization of 66 =

$2 \times 3 \times 11$

08 Prime factorization of 374 =

$2 \times 11 \times 17$

09 Prime factorization of 396 =

$2^2 \times 3^2 \times 11$

10 Prime factorization of 56 = $2^3 \times 7$

11 Prime factorization of 357 =

$3 \times 7 \times 17$

12 Prime factorization of 68 =

$2^2 \times 17$