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 153 = ____

04 Prime factorization of 144 = ____

05 Prime factorization of 264 = ____

06 Prime factorization of 44 = ____

07 Prime factorization of 110 = ____

08 Prime factorization of 132 = ____

09 Prime factorization of 220 = ____

10 Prime factorization of 28 = ____

11 Prime factorization of 63 = ____

12 Prime factorization of 52 = ____

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 153 =

$3^2 \times 17$

04 Prime factorization of 144 =

$2^4 \times 3^2$

05 Prime factorization of 264 =

$2^3 \times 3 \times 11$

06 Prime factorization of 44 =

$2^2 \times 11$

07 Prime factorization of 110 =

$2 \times 5 \times 11$

08 Prime factorization of 132 =

$2^2 \times 3 \times 11$

09 Prime factorization of 220 =

$2^2 \times 5 \times 11$

10 Prime factorization of 28 = $2^2 \times 7$

11 Prime factorization of 63 = $3^2 \times 7$

12 Prime factorization of 52 =

$2^2 \times 13$