Prime Factorization, LCD, and GCD

5. Megan cut her son’s birthday cake into four equal pieces and then she cut each of those pieces into thirds. What fraction of the while cake was each smaller piece?

A. 1/3

B. 1/4

C. 1/12

D. 1/16

E. Not Given

6. What is the prime factorization of 60?

A. 3x4x5

B. 2 x 2 x 3 x 5

0.2 x5x6

D. 2 x 3 x 10

E. Not Given

25. What is the greatest common factor of 144, 300, and 30?

A. 300

B. 30

C.12

D.6

E. Not Given