Prime Factorization as Exponents - 3 Factors

1 Show the prime factorization of this number as exponents

105

A	B
$3 \cdot 5 \cdot 7 \cdot 13$	$3 \cdot 5 \cdot 7$
C	D
$3^2 \cdot 5 \cdot 7$	$3 \cdot 5 \cdot 7^2$

2 Show the prime factorization of this number as exponents

63

A	B
$3^2 \cdot 5 \cdot 7$	$3^2 \cdot 7 \cdot 11$
C	D
$3^3 \cdot 7$	$3^2 \cdot 7$

3 Show the prime factorization of this number as exponents

76

A	B
$2^2 \cdot 19$	$2^2 \cdot 7 \cdot 19$
C	D
$2^2 \cdot 5 \cdot 19$	$2^2 \cdot 3 \cdot 19$
E	
$2^2 \cdot 11 \cdot 19$	

4 Show the prime factorization of this number as exponents

52

A	B
$2^2 \cdot 5 \cdot 13$	$2^2 \cdot 13$
C	D
$2^2 \cdot 11 \cdot 13$	$2^2 \cdot 13^2$
E	
$2^3 \cdot 13$	

5 Show the prime factorization of this number as exponents

117

A	B
$3^2 \cdot 5 \cdot 13$	$3^2 \cdot 13$
C	D
$3^2 \cdot 11 \cdot 13$	$3^3 \cdot 13$

6 Show the prime factorization of this number as exponents

102

A	B
$2^2 \cdot 3 \cdot 17$	$2 \cdot 3 \cdot 5 \cdot 17$
C	D
$2 \cdot 3 \cdot 17$	$2 \cdot 3^2 \cdot 17$

7 Show the prime factorization of this number as exponents

125

A	B	C
5^4	$2 \cdot 5^3$	5^3

8 Show the prime factorization of this number as exponents

98

A	B
$2 \cdot 7^2$	$2 \cdot 7^3$
C	D
$2 \cdot 7^2 \cdot 13$	$2^2 \cdot 7^2$