



Math worksheet on 'Prime Factorization as Exponents - 4 Factors (Level 1)'. Part of a broader unit on 'Factoring and Primes - Intro'

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1 Show the prime factorization of this number as exponents

60	a $2^2 \cdot 3 \cdot 5$	b $2^2 \cdot 3$
	c $2^3 \cdot 3 \cdot 5$	d $2^2 \cdot 3 \cdot 5 \cdot 13$
	e $2^2 \cdot 3^2 \cdot 5$	

2 Show the prime factorization of this number as exponents

36	a $2^2 \cdot 3$	b $2^2 \cdot 3^2 \cdot 11$
	c $2 \cdot 3^2$	d $2^2 \cdot 3^2$
	e $2^2 \cdot 3^3$	

3 Show the prime factorization of this number as exponents

90	a $2 \cdot 3^2 \cdot 5$	b $2 \cdot 3 \cdot 5$	c $2 \cdot 9 \cdot 5$
	d $3^2 \cdot 5$	e $2 \cdot 3^3 \cdot 5$	

4 Show the prime factorization of this number as exponents

24	a $2^4 \cdot 3$	b $2^2 \cdot 3$	c $2^2 \cdot 6$
	d $2 \cdot 4 \cdot 3$	e $2^3 \cdot 3$	