



Math worksheet on 'Prime Factorization - Factor to 3 Factors (Level 1)'. Part of a broader unit on 'Factoring, Multiplication, Division, Fractions - Practice'

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<b>1</b> Show the prime factorization of this number      45	<b>a</b>	{2, 3, 3, 5}
	<b>b</b>	{3, 3, 5, 11}
	<b>c</b>	{3, 3, 5, 7}
	<b>d</b>	{3, 3, 3, 5}
	<b>e</b>	{3, 3, 5}
	<b>f</b>	{3, 3, 5, 5}

<b>2</b> Show the prime factorization of this number      42	<b>a</b>	{2, 3, 7}
	<b>b</b>	{2, 3, 7, 13}
	<b>c</b>	{2, 3, 7, 11}
	<b>d</b>	{2, 2, 3, 7}
	<b>e</b>	{2, 3, 5, 7}
	<b>f</b>	{2, 3, 7, 7}

<b>3</b> Show the prime factorization of this number      75	<b>a</b>	{3, 5, 5, 7}
	<b>b</b>	{3, 5, 5, 5}
	<b>c</b>	{3, 5, 5, 13}
	<b>d</b>	{3, 5, 5, 11}
	<b>e</b>	{3, 5, 5}
	<b>f</b>	{2, 3, 5, 5}

<b>4</b> Show the prime factorization of this number      70	<b>a</b>	{2, 5, 7}
	<b>b</b>	{2, 5, 7, 13}
	<b>c</b>	{2, 2, 5, 7}
	<b>d</b>	{2, 5, 7, 11}
	<b>e</b>	{2, 5, 5, 7}
	<b>f</b>	{2, 5, 7, 7}

<b>5</b> Show the prime factorization of this number      27	<b>a</b>	{3, 3, 3}
	<b>b</b>	{3, 3, 3, 11}
	<b>c</b>	{3, 3, 3, 5}
	<b>d</b>	{2, 3, 3, 3}
	<b>e</b>	{3, 3, 3, 13}
	<b>f</b>	{3, 3, 3, 7}