



Math worksheet on 'Finding Lowest Common Multiple Distinct Factors (Level 3)'. Part of a broader unit on 'Factoring and Lowest Common Multiple - Intro'

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<b>1</b> Find the set of all the distinct factors of these numbers  15, 7	<b>a</b>	{3, 5, 7, 6}
	<b>b</b>	{2, 5, 7}
	<b>c</b>	{3, 5, 7}
	<b>d</b>	{3, 5, 7, 4}
	<b>e</b>	{5, 7}
	<b>f</b>	{5, 5, 7}

<b>2</b> Find the set of all the distinct factors of these numbers  8, 17	<b>a</b>	{2, 2, 2, 6}
	<b>b</b>	{2, 2, 2, 17, 3}
	<b>c</b>	{2, 2, 2, 17, 7}
	<b>d</b>	{2, 3, 2, 17}
	<b>e</b>	{2, 2, 2, 17}
	<b>f</b>	{2, 2, 17}

<b>3</b> Find the set of all the distinct factors of these numbers  9, 16	<b>a</b>	{3, 3, 2, 2, 2, 2, 4}
	<b>b</b>	{3, 3, 2, 2, 2, 2}
	<b>c</b>	{3, 3, 2, 2, 2, 2, 3}
	<b>d</b>	{3, 3, 2, 2, 5, 2}
	<b>e</b>	{3, 3, 7, 2, 2, 2}
	<b>f</b>	{3, 3, 2, 2, 2}

<b>4</b> Find the set of all the distinct factors of these numbers  9, 17	<b>a</b>	{3, 3, 17}
	<b>b</b>	{3, 3, 17, 5}
	<b>c</b>	{3, 17}
	<b>d</b>	{3, 7, 17}
	<b>e</b>	{3, 3, 17, 6}
	<b>f</b>	{3, 17, 2, 7, 3}

<b>5</b> Find the set of all the distinct factors of these numbers  6, 12	<b>a</b>	{2, 2, 2, 5, 6}
	<b>b</b>	{2, 3, 2}
	<b>c</b>	{2, 3, 7}
	<b>d</b>	{2, 3, 4}
	<b>e</b>	{2, 3, 4, 2, 2}
	<b>f</b>	{2, 5, 2}

<b>6</b> Find the set of all the distinct factors of these numbers  14, 15	<b>a</b>	{2, 7, 3, 5, 5}
	<b>b</b>	{2, 7, 3, 5, 6}
	<b>c</b>	{2, 2, 3, 5}
	<b>d</b>	{2, 7, 3, 5}
	<b>e</b>	{2, 3, 5}
	<b>f</b>	{2, 7, 3, 5, 4}

<b>7</b> Find the set of all the distinct factors of these numbers  8, 12	<b>a</b>	{2, 7, 2, 3}
	<b>b</b>	{6, 2, 2, 3}
	<b>c</b>	{2, 2, 2, 3}
	<b>d</b>	{2, 2, 2}
	<b>e</b>	{2, 2, 2, 3, 4}
	<b>f</b>	{2, 2, 3}