



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

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<p>1 Find the set of all the distinct prime factors of these numbers</p> <p>14, 16, 10</p>	a	{2, 7, 2, 2, 2, 5, 2}
	b	{2, 7, 2, 6, 2, 5}
	c	{2, 7, 2, 2, 2, 5}
	d	{2, 7, 3, 2, 2, 5}
	e	{2, 7, 2, 2, 5}
	f	{2, 7, 2, 2, 2, 5, 7}

<p>2 Find the set of all the distinct prime factors of these numbers</p> <p>15, 11, 7</p>	a	{3, 5, 11, 7, 2}
	b	{3, 5, 11, 7, 6}
	c	{3, 5, 11, 5}
	d	{3, 4, 11, 7}
	e	{3, 5, 11, 7}
	f	{3, 5, 11, 4}

<p>3 Find the set of all the distinct prime factors of these numbers</p> <p>18, 12, 9</p>	a	{2, 3, 3, 2}
	b	{2, 5, 3, 2}
	c	{2, 3, 2}
	d	{3, 3, 2}
	e	{2, 6, 3, 2}
	f	{2, 2, 3, 2}

<p>4 Find the set of all the distinct prime factors of these numbers</p> <p>17, 14, 13</p>	a	{17, 2, 7, 13}
	b	{5, 2, 7, 13}
	c	{17, 6, 7, 13}
	d	{17, 2, 7, 13, 3}
	e	{17, 2, 13}
	f	{17, 2, 7, 13, 5}

<p>5 Find the set of all the distinct prime factors of these numbers</p> <p>14, 12, 6</p>	a	{2, 7, 2, 7}
	b	{2, 7, 4, 3}
	c	{2, 7, 2, 3}
	d	{2, 7, 2}
	e	{2, 7, 2, 3, 7}
	f	{2, 7, 3}

<p>6 Find the set of all the distinct prime factors of these numbers</p> <p>17, 18, 11</p>	a	{17, 2, 6, 3, 11}
	b	{17, 3, 3, 3, 11}
	c	{3, 2, 3, 3, 11}
	d	{17, 2, 3, 3, 11}
	e	{17, 2, 3, 2, 11}
	f	{17, 2, 3, 3, 11, 5}

<p>7 Find the set of all the distinct prime factors of these numbers</p> <p>17, 15, 7</p>	a	{5, 3, 5, 7}
	b	{17, 3, 2, 7}
	c	{7, 3, 5, 7}
	d	{17, 3, 5}
	e	{17, 3, 5, 7}
	f	{17, 3, 5, 7, 5}