



Math worksheet on 'Finding Lowest Common Multiple Distinct Factors - 3 Numbers (Level 1)'. Part of a broader unit on 'Factoring and Lowest Common Multiple - Practice'

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1 Find the set of all the distinct prime factors of these numbers 12, 8, 11	a	{2, 2, 3, 2, 11, 2}
	b	{2, 2, 2, 11}
	c	{2, 2, 3, 2, 11, 7}
	d	{2, 2, 3, 2, 6}
	e	{2, 3, 2, 11}
	f	{2, 2, 3, 2, 11}

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

3 Find the set of all the distinct prime factors of these numbers 4, 2, 7	a	{2, 2, 7, 3}
	b	{2, 5, 7}
	c	{2, 2, 7, 4}
	d	{2, 2, 7, 7}
	e	{2, 2, 7, 2}
	f	{2, 2, 7}

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

5 Find the set of all the distinct prime factors of these numbers 5, 9, 10	a	{3, 3, 2}
	b	{5, 3, 2}
	c	{5, 3, 3, 2}
	d	{5, 3, 3, 2, 2}
	e	{5, 3, 3, 2, 3}
	f	{5, 4, 3, 2}

6 Find the set of all the distinct prime factors of these numbers 3, 2, 12	a	{3, 2, 2, 3}
	b	{3, 2, 2, 7}
	c	{3, 2}
	d	{3, 2, 3}
	e	{3, 2, 2}
	f	{2, 2}

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