Finding Lowest Common Multiple Distinct Factors

1	Find the set of all the distinct prime factors of these numbers		
		A	{7, 3, 5, 5, 7}
		B	{2, 7, 3}
		C	{2, 7, 3, 4}
	14, 6	D	{2, 7}
		E	{2, 5, 3}
		F	{2, 7, 5, 2, 3}

2	Find the set of all the distinct prime factors of these numbers		
		A	{3, 7, 3, 3, 5}
		B	{11}
		C	{11, 7}
	11, 7	D	{11, 7, 4}
		E	{11, 7, 7}
		F	{5, 7, 4, 5, 2}

3	Find the set of all the distinct prime factors of these numbers		
		A	{7, 13, 3}
		B	{7, 3, 3, 4}
		C	{7, 7, 2, 4}
	7, 13	D	{7, 13}
		E	{7, 3}
		F	{4, 13, 5, 6, 3}

4	Find the set of all the distinct prime factors of these numbers		
		A	{2, 3, 2, 3, 4}
		B	{7, 2, 6}
		C	{7, 2, 3}
	7, 6	D	{7, 3, 3, 3, 7}
		E	{7, 3, 7, 4, 3}
		F	{2, 3, 5, 4, 3}

5	Find the set of all the distinct prime factors of these numbers		
		A	{2, 3, 3, 5, 3}
		B	{2, 3, 3, 5, 6}
		C	{3, 3, 5}
	18, 10	D	{2, 3, 5}
		E	{2, 3, 3, 5}
		F	{2, 3, 3, 5, 5}

6	Find the set of all the distinct prime factors of these numbers		
		A	{2, 2, 3, 2}
		B	{2, 2, 3, 2, 2, 6}
		C	{2, 2, 2, 2, 2}
	12, 16	D	{2, 2, 3, 2, 2}
		E	{2, 4, 3, 2, 2}
		F	{2, 2, 3, 2, 2, 7}

7	Find the set of all the distinct prime factors of these numbers		
		A	{13, 3, 2}
		B	{13, 3, 3, 2}
		C	{13, 3, 6}
	13, 9	D	{13, 3, 3}
		E	{3, 3}
		F	{2, 3, 3}

8	Find the set of all the distinct prime factors of these numbers		
		A	{2, 5}
		B	{13, 2, 5, 4}
		C	{13, 2, 3}
	13, 10	D	{13, 4, 5}
		E	{13, 2, 5}
		F	{7, 2, 5}