



## Finding Lowest Common Multiple Distinct Factors

<b>1</b> Find the set of all the distinct prime factors of these numbers  3, 9	A	{3, 3}	<b>2</b> Find the set of all the distinct prime factors of these numbers  9, 6	A	{4, 3, 2}
	B	{7, 3, 4, 2, 4}		B	{3, 7, 2}
	C	{3}		C	{3, 3, 2, 3}
	D	{3, 3, 3}		D	{3, 2}
	E	{3, 7, 2, 6}		E	{3, 3, 2}
	F	{3, 3, 7, 4, 4}		F	{5, 3, 2}
<b>3</b> Find the set of all the distinct prime factors of these numbers  8, 4	A	{2, 2, 2}	<b>4</b> Find the set of all the distinct prime factors of these numbers  5, 4	A	{2, 2, 2, 5, 4}
	B	{6, 2, 2}		B	{4, 2, 2}
	C	{2, 2, 4}		D	{3, 2, 2}
E	{4, 2, 2}	F	{2, 2, 3}	D	{5, 6, 2}
E	{4, 2, 2}	F	{2, 2, 3}	E	{5, 2, 2}
F	{2, 2, 3}			F	{2, 2, 4, 3, 3}
<b>5</b> Find the set of all the distinct prime factors of these numbers  6, 2	A	{2, 5, 6, 6}	<b>6</b> Find the set of all the distinct prime factors of these numbers  3, 4	A	{3, 2, 6, 6, 2}
	B	{2, 3, 6}		B	{3, 5, 2}
	C	{2, 4, 7, 4, 6}		C	{3, 2}
	D	{2, 3}		D	{3, 2, 2}
	E	{2, 3, 4}		E	{3, 2, 7, 4, 5}
	F	{3}		F	{3, 2, 2, 5}
<b>7</b> Find the set of all the distinct prime factors of these numbers  10, 6	A	{2, 5, 3, 6}	<b>8</b> Find the set of all the distinct prime factors of these numbers  4, 5	A	{2, 2, 5}
	B	{4, 5, 3}		B	{2, 5}
	C	{5, 3, 2, 3, 6}		C	{2, 2, 5, 5}
	D	{2, 3, 4, 6, 5}		D	{6, 2, 5}
	E	{2, 5, 3}		E	{2, 2, 5, 6}
	F	{3, 5, 3}		F	{2, 2, 6}