



## Finding Greatest Common Factor Shared Factors

<b>1</b> Find the shared prime factors of these numbers  4, 12	A	{2, 2}	<b>2</b> Find the shared prime factors of these numbers  12, 9	A	{7, 2, 6, 4}		
	B	{7, 2, 7, 4, 3}		B	{3, 5, 3, 7, 5}		
	C	{2, 5, 4, 3}		C	{3, 5, 6, 7}		
	D	{2, 6, 6, 7}		D	{6, 2, 4, 6}		
	E	{2, 6, 4, 6, 3}		E	{4}		
	F	{2}		F	{3}		
<b>3</b> Find the shared prime factors of these numbers  8, 12	A	{4, 2, 7, 4, 4}	<b>4</b> Find the shared prime factors of these numbers  10, 8	A	{2, 3}		
	B	{2, 2, 4}		B	{4, 6, 2}		
	C	{6, 2, 6, 2, 4}		C	{5, 3, 5, 6}		
	D	{2, 2}		D	{2}		
	E	{7, 2}		E	{7, 4, 5, 3}		
	F	{2, 6}		F	{4, 4, 4}		
<b>5</b> Find the shared prime factors of these numbers  6, 10	A	{2, 2}	B	{4, 4, 5}	<b>6</b> Find the shared prime factors of these numbers  12, 2	A	{2, 5, 6, 3, 6}
	C	{2}	D	{6}		B	{6}
	E	{2, 7, 6}	F	{5}		C	{2, 2, 3, 5, 2}
						D	{2, 5, 4}
						E	{2, 2}
						F	{2}
<b>7</b> Find the shared prime factors of these numbers  10, 4	A	{2}	B	{6}	<b>8</b> Find the shared prime factors of these numbers  4, 10	A	{2, 6, 5}
	C	{2, 2, 2}	D	{6, 7, 2}		B	{6, 5, 2, 7}
	E	{2, 7}	F	{2, 5, 6}		C	{2}
						D	{2, 6}
						E	{3, 7, 6}
						F	{5}