



## Finding Greatest Common Factor Shared Factors



<b>1</b> Find the shared prime factors of these numbers  9, 6	A	{7, 5, 6}	<b>2</b> Find the shared prime factors of these numbers  15, 6	A	{3}
	B	{4}		B	{5, 3, 4, 3}
	C	{7, 3, 4, 7}		C	{3, 4}
	D	{7, 6, 6}		D	{2, 2, 3}
	E	{3}		E	{2}
	F	{6}		F	{3, 3, 5, 2, 2}
<b>3</b> Find the shared prime factors of these numbers  14, 8	A	{2, 5, 3, 6, 6}	<b>4</b> Find the shared prime factors of these numbers  12, 8	A	{2, 2, 3}
	B	{5, 7, 3}		B	{2, 4}
	C	{2}		C	{2, 4, 6, 2, 3}
	D	{6}		D	{2, 3, 7, 6}
	E	{3, 3, 3, 5}		E	{3, 2, 4, 4, 7}
	F	{2, 2, 3}		F	{2, 2}
<b>5</b> Find the shared prime factors of these numbers  10, 15	A	{6, 6, 3}	<b>6</b> Find the shared prime factors of these numbers  6, 12	A	{2}
	B	{5, 5, 2, 6, 5}		B	{2, 3}
	C	{5, 3, 6, 5}		C	{2, 6}
	D	{5}		D	{2, 7, 2, 2, 3}
	E	{5, 3}		E	{2, 3, 5}
	F	{4, 5, 5, 3}		F	{3, 4, 5, 2}
<b>7</b> Find the shared prime factors of these numbers  12, 6	A	{2, 3, 2}	<b>8</b> Find the shared prime factors of these numbers  10, 12	A	{2, 2, 3, 2, 3}
	B	{3}		B	{3, 4, 4, 6}
	C	{3, 5, 2, 7}		C	{2, 5, 3, 3}
	D	{2, 3, 4}		D	{7, 5, 3}
	E	{5, 3}		E	{2, 4, 7, 7, 7}
	F	{2, 3}		F	{2}