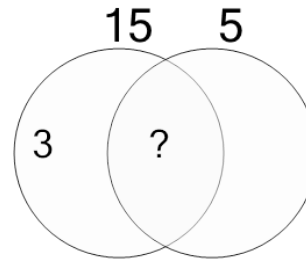




Math worksheet on 'Factoring - Venn Diagrams - 2 Numbers - Populated Venn without Center to Shared Factors (Level 2)'. Part of a broader unit on 'Factoring and Venn Factor Diagrams - Intro'

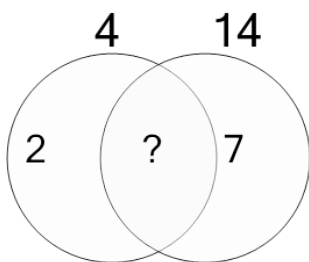
Learn online: [app.mobius.academy/math/units/factoring\\_and\\_venn\\_diagrams\\_intro/](http://app.mobius.academy/math/units/factoring_and_venn_diagrams_intro/)

1 Complete the factor diagram by adding the shared factors in the center



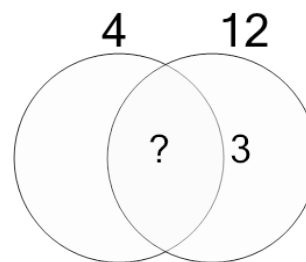
<b>a</b>	{5}	<b>b</b>	{5, 6}
<b>c</b>	{4}	<b>d</b>	{2}
<b>e</b>	{3}	<b>f</b>	{5, 7}

2 Complete the factor diagram by adding the shared factors in the center



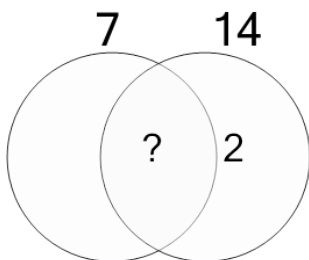
<b>a</b>	{7, 7, 5}
<b>b</b>	{2}
<b>c</b>	{2, 5, 4, 7, 5}
<b>d</b>	{6, 3, 7, 6}
<b>e</b>	{3, 6, 4}
<b>f</b>	{7, 2, 4, 4}

3 Complete the factor diagram by adding the shared factors in the center



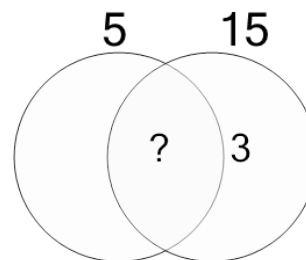
<b>a</b>	{2, 2, 2}
<b>b</b>	{2, 2}
<b>c</b>	{2}
<b>d</b>	{5, 2, 5, 3, 6}
<b>e</b>	{2, 2, 5}
<b>f</b>	{2, 7}

4 Complete the factor diagram by adding the shared factors in the center



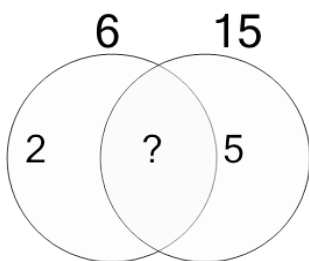
<b>a</b>	{5, 7, 5}
<b>b</b>	{7}
<b>c</b>	{7, 5}
<b>d</b>	{6, 6, 3}
<b>e</b>	{5}
<b>f</b>	{5, 6, 3, 2}

5 Complete the factor diagram by adding the shared factors in the center



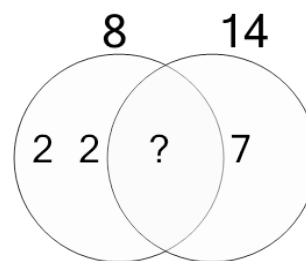
<b>a</b>	{7, 4, 3}
<b>b</b>	{5, 5}
<b>c</b>	{7}
<b>d</b>	{2, 3, 5, 3}
<b>e</b>	{5}
<b>f</b>	{5, 2, 5, 4, 2}

6 Complete the factor diagram by adding the shared factors in the center



<b>a</b>	{3, 7}
<b>b</b>	{4}
<b>c</b>	{3, 7, 3, 5, 2}
<b>d</b>	{6, 3, 3}
<b>e</b>	{3}
<b>f</b>	{7}

7 Complete the factor diagram by adding the shared factors in the center



<b>a</b>	{2, 2, 2, 6}
<b>b</b>	{2}
<b>c</b>	{5}
<b>d</b>	{4, 5, 3, 5}
<b>e</b>	{4, 4, 2}
<b>f</b>	{2, 5, 2, 2, 4}