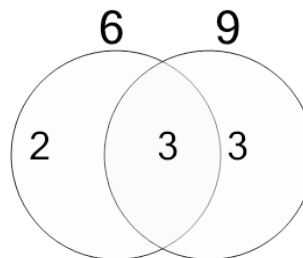




Math worksheet on 'Factoring - Venn Diagrams - 2 Numbers - Populated Venn to Shared Factors (Level 1)'. Part of a broader unit on 'Factoring and Venn Factor Diagrams - Intro'

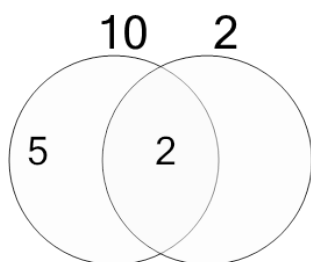
Learn online: [app.mobius.academy/math/units/factoring\\_and\\_venn\\_diagrams\\_intro/](http://app.mobius.academy/math/units/factoring_and_venn_diagrams_intro/)

**1** Use the factor diagram to find the shared prime factors of these numbers (in the center)



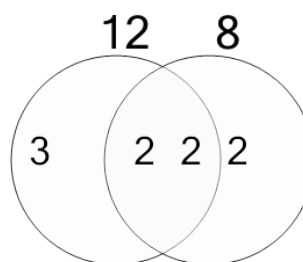
<b>a</b>	{3}
<b>b</b>	{2, 6, 5, 2}
<b>c</b>	{3, 6, 2}
<b>d</b>	{3, 6, 4, 5, 6}
<b>e</b>	{2}
<b>f</b>	{4}

**2** Use the factor diagram to find the shared prime factors of these numbers (in the center)



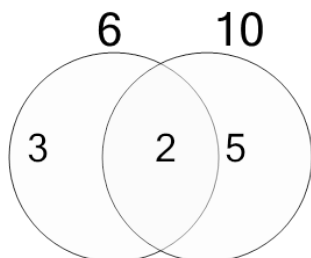
<b>a</b>	{2, 4, 4, 6, 2}
<b>b</b>	{5, 3, 2}
<b>c</b>	{2}
<b>d</b>	{2, 5, 7, 4, 7}
<b>e</b>	{2, 3, 6, 5, 4}
<b>f</b>	{4, 4, 6}

**3** Use the factor diagram to find the shared prime factors of these numbers (in the center)



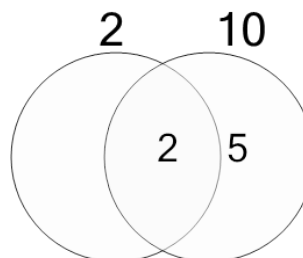
<b>a</b>	{2, 2, 6}
<b>b</b>	{4, 2}
<b>c</b>	{2, 2, 5}
<b>d</b>	{2, 4}
<b>e</b>	{2, 2, 2}
<b>f</b>	{2, 2}

**4** Use the factor diagram to find the shared prime factors of these numbers (in the center)



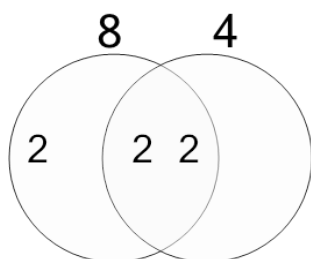
<b>a</b>	{6, 7, 6}
<b>b</b>	{3, 6, 3, 5}
<b>c</b>	{4}
<b>d</b>	{4, 2, 2}
<b>e</b>	{2}
<b>f</b>	{2, 5, 7}

**5** Use the factor diagram to find the shared prime factors of these numbers (in the center)



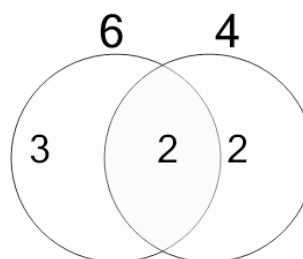
<b>a</b>	{2}
<b>b</b>	{4, 6, 4}
<b>c</b>	{2, 7}
<b>d</b>	{5}
<b>e</b>	{2, 3, 5}
<b>f</b>	{2, 2, 5, 2, 4}

**6** Use the factor diagram to find the shared prime factors of these numbers (in the center)



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

**7** Use the factor diagram to find the shared prime factors of these numbers (in the center)



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