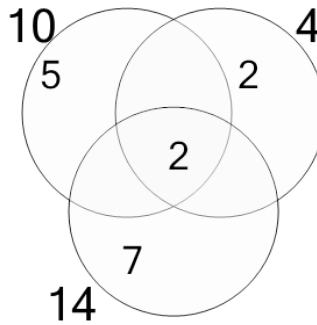




Math worksheet on 'Factoring - Venn Diagrams - 3 Numbers - Populated Venn to Shared Factors (Level 2)'. Part of a broader unit on 'Factoring and Venn Factor Diagrams - Intro'

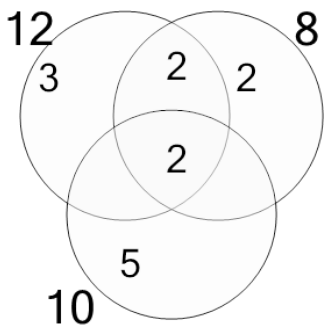
Learn online: [app.mobius.academy/math/units/factoring\\_and\\_venn\\_diagrams\\_intro/](http://app.mobius.academy/math/units/factoring_and_venn_diagrams_intro/)

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



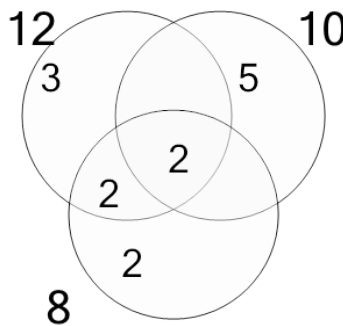
a	{2, 4}
b	{2, 2, 5, 2, 4}
c	{6}
d	{6, 5, 2, 5}
e	{3}
f	{2}

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



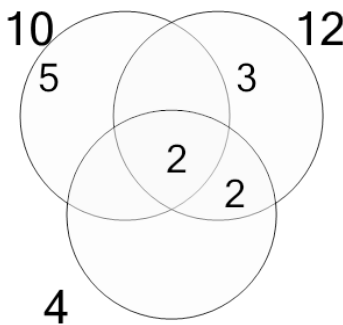
a	{2, 6}
b	{6, 7, 6, 4}
c	{2, 7, 7, 7, 3}
d	{2}
e	{7, 5, 5}
f	{2, 6, 3, 2, 4}

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



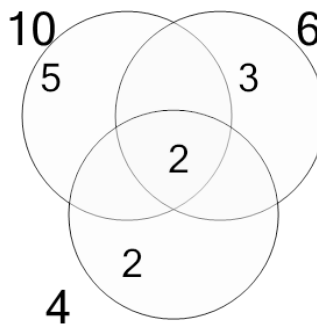
a	{2, 7, 2, 6, 6}
b	{7, 5, 2}
c	{6, 2, 6}
d	{3}
e	{2, 2}
f	{2}

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



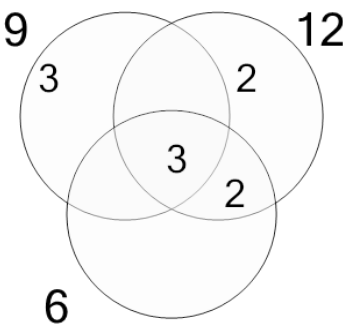
a	{7, 3, 6}
b	{7, 3, 3, 6}
c	{2, 6, 4, 2, 3}
d	{2}
e	{5, 5, 4}
f	{5, 7, 6, 4}

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



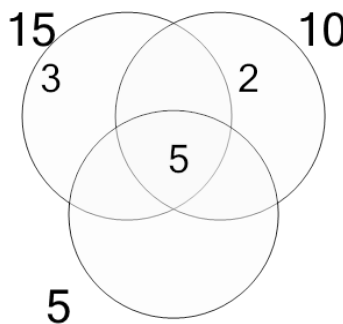
a	{2, 3}
b	{2, 7, 6, 2, 3}
c	{3}
d	{3, 5, 2}
e	{2}
f	{7, 7, 2, 2}

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



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

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



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