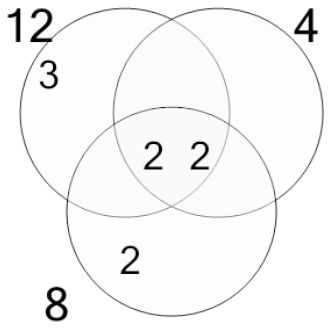
Math worksheet on *'Factoring - Venn Diagrams - 3 Numbers - Populated Venn to Shared Factors (Level 1)'*. Part of a broader unit on *'Factoring and Venn Factor Diagrams - Intro'*

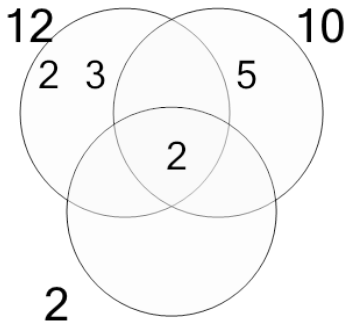
Learn online: app.mobius.academy/math/units/factoring_and_venn_diagrams_intro/

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



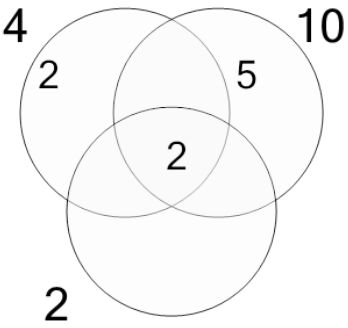
a	{2, 2, 3, 5, 6}
b	{2}
c	{2, 2, 3, 4}
d	{2, 6, 3, 3}
e	{2, 2}
f	{2, 2, 7}

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



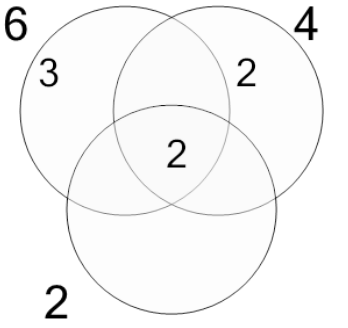
a	{2, 5}
b	{7, 3, 6}
c	{5, 2, 7}
d	{2}
e	{3, 6, 3, 4}
f	{7, 3, 4}

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



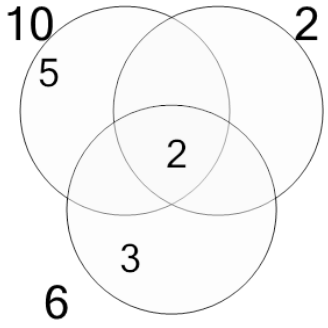
a	{2, 7, 4}	**b**	{7}
c	{6, 2, 7}	**d**	{4, 4, 3}
e	{2}	**f**	{2, 5}

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



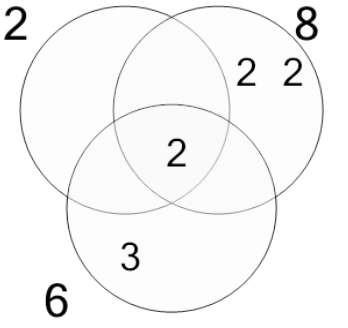
a	{3, 2, 5, 7}
b	{2, 4}
c	{2, 3, 7, 6, 4}
d	{2, 6}
e	{2}
f	{2, 7, 3, 5, 5}

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



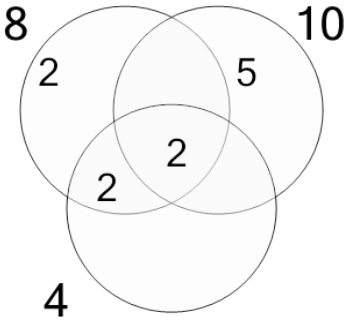
a	{5, 7, 3, 3}
b	{2}
c	{4, 5, 7, 5}
d	{6, 7, 4}
e	{3, 5, 2, 2}
f	{5, 5, 3}

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



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

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



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