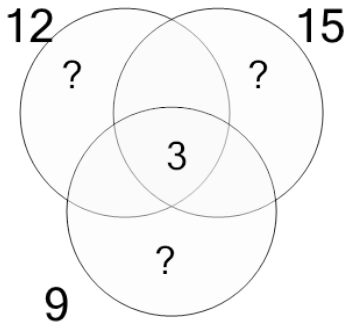
Math worksheet on *'Factoring - Venn Diagrams - 3 Numbers - Populated Venn without Unique to Distinct Factors (Level 2)'*. Part of a broader unit on *'Factoring and Venn Factor Diagrams - Intro'*

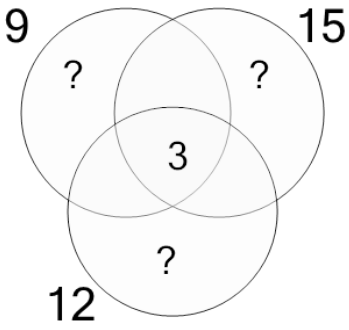
Learn online: app.mobius.academy/math/units/factoring_and_venn_diagrams_intro/

1 Complete the factor diagram and use it to find all the distinct factors of these numbers.



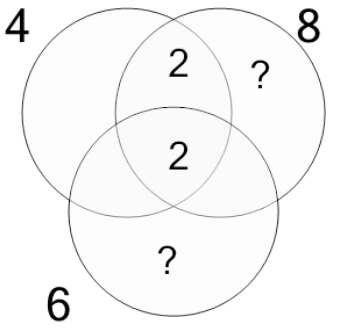
a	{2, 2, 3, 5, 3, 2}
b	{2, 2, 2, 5, 3}
c	{2, 2, 6, 5, 3}
d	{2, 2, 3, 5}
e	{2, 2, 3, 5, 3}
f	{2, 2, 5, 3}

2 Complete the factor diagram and use it to find all the distinct factors of these numbers.



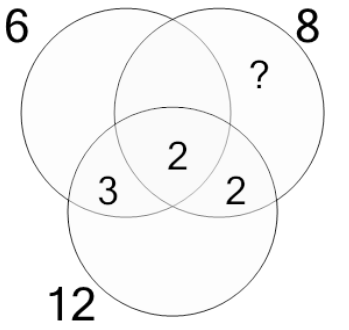
a	{3, 3, 5, 2, 3}
b	{3, 3, 5, 6, 2}
c	{3, 5, 2, 2}
d	{3, 3, 5, 2, 4}
e	{3, 3, 5, 2, 2}
f	{3, 3, 5, 2, 2, 7}

3 Complete the factor diagram and use it to find all the distinct factors of these numbers.



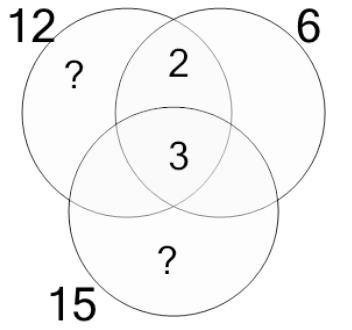
a	{2, 2, 2, 2}
b	{2, 2, 2, 3, 5}
c	{2, 2, 2, 3}
d	{2, 6, 2, 3}
e	{2, 2, 3, 3}
f	{2, 2, 2}

4 Complete the factor diagram and use it to find all the distinct factors of these numbers.



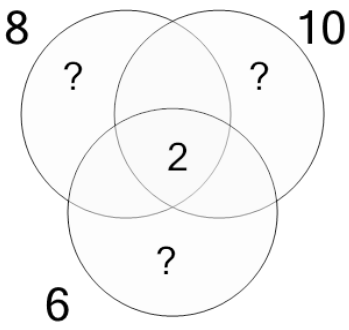
a	{2, 3, 4, 2}
b	{2, 3, 2, 2}
c	{3, 2, 2}
d	{2, 3, 2}
e	{2, 3, 2, 7}
f	{2, 2, 2}

5 Complete the factor diagram and use it to find all the distinct factors of these numbers.



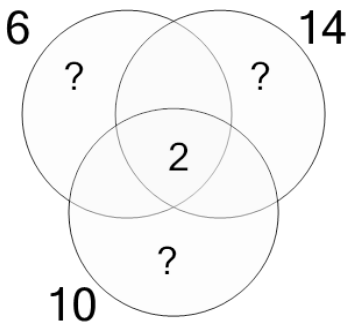
a	{2, 2, 5}
b	{2, 2, 3, 5, 2}
c	{2, 5, 3, 5}
d	{2, 2, 3, 5, 5}
e	{2, 2, 3, 5}
f	{2, 2, 3, 5, 4}

6 Complete the factor diagram and use it to find all the distinct factors of these numbers.



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

7 Complete the factor diagram and use it to find all the distinct factors of these numbers.



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