Math worksheet on *'Factoring - Venn Diagrams - 3 Numbers - Populated Venn without Center to Shared Factors (Level 3)'*. Part of a broader unit on *'Factoring and Venn Factor Diagrams - Practice'*

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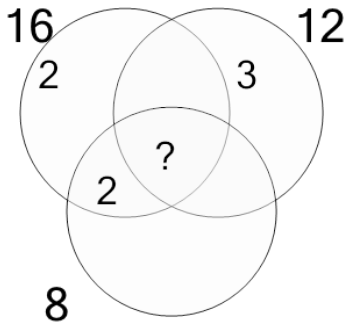
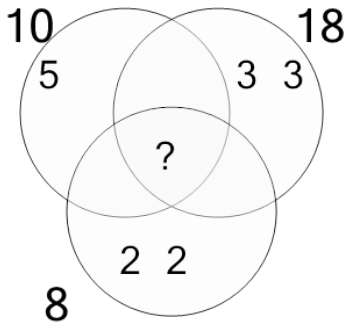
1 Complete the factor diagram by adding the shared prime factors in the center



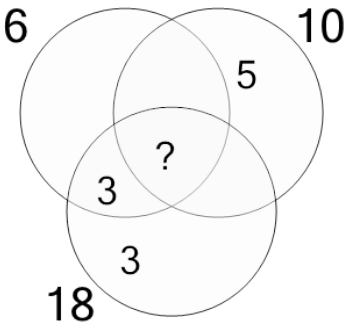
a	{2, 2}
b	{2, 7, 7, 7}
c	{2, 3, 5, 5}
d	{2, 2, 2}
e	{2}
f	{2, 2, 7, 2}

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



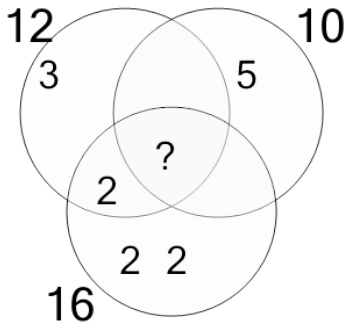
a	{4, 5, 2}
b	{2}
c	{7, 5, 3, 4}
d	{2, 7, 5, 6, 6}
e	{3}
f	{2, 3, 5, 3, 7}

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



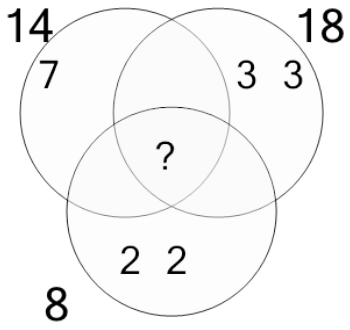
a	{4}
b	{2, 3}
c	{6, 7, 4, 4}
d	{4, 6, 7}
e	{7, 5, 3, 3}
f	{2}

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



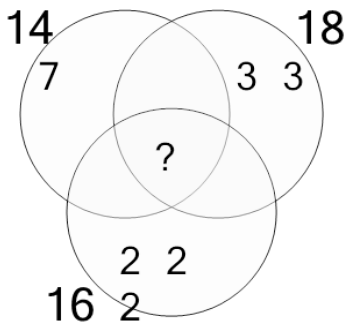
a	{6, 4, 7}
b	{2}
c	{2, 3}
d	{4, 2, 2, 2}
e	{3}
f	{3, 2, 2, 4}

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



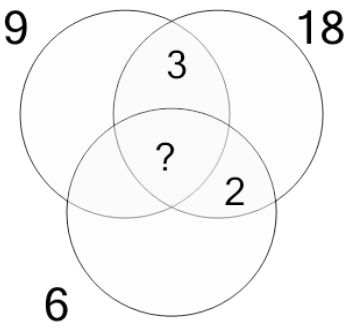
a	{7, 4, 4, 6}
b	{5, 6, 2}
c	{7, 5, 3}
d	{4, 3, 3, 5}
e	{2, 5, 6}
f	{2}

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



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

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



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