Math worksheet on *'Factoring - Venn Diagrams - 2 Numbers - Populated Venn to Distinct Factors (Level 4)'*. Part of a broader unit on *'Factoring and Lowest Common Multiple - Practice'*

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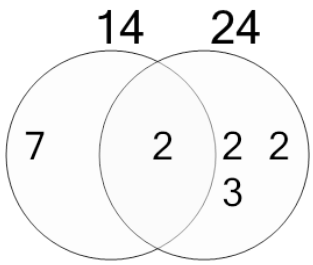
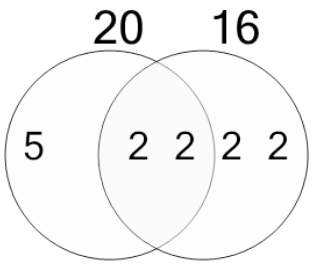
1 Use the factor diagram to find all the distinct prime factors of these numbers.



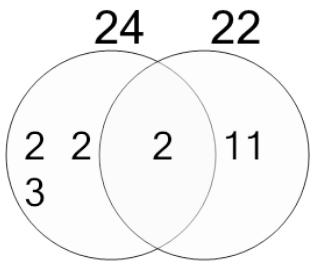
a	{7, 2, 2, 3}
b	{6, 7, 2, 2, 3}
c	{2, 7, 2, 3}
d	{2, 7, 2, 2, 3, 3}
e	{2, 7, 2, 2, 3}
f	{2, 7, 2, 2, 3, 5}

2 Use the factor diagram to find all the distinct prime factors of these numbers.



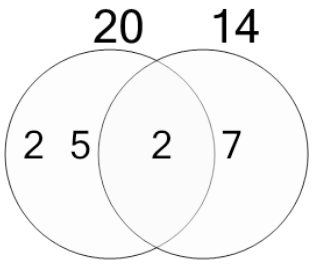
a	{2, 2, 5, 2, 2, 2}
b	{2, 2, 5, 2, 2}
c	{2, 2, 5, 2, 3}
d	{2, 2, 5, 2}
e	{2, 5, 2, 2}
f	{2, 5, 5, 2, 2}

3 Use the factor diagram to find all the distinct prime factors of these numbers.



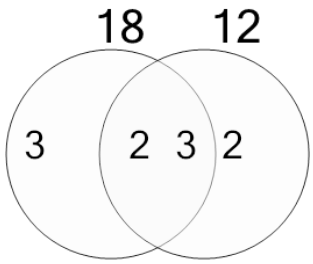
a	{2, 6, 2, 3, 11}
b	{2, 2, 2, 3, 11, 3}
c	{2, 2, 2, 3, 11}
d	{4, 2, 2, 3, 11}
e	{2, 2, 2, 3, 11, 4}
f	{2, 2, 7, 3, 11}

4 Use the factor diagram to find all the distinct prime factors of these numbers.



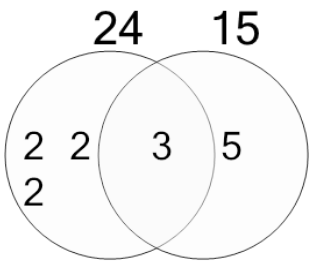
a	{2, 2, 5, 2}
b	{2, 2, 5, 7, 3}
c	{2, 2, 5, 7}
d	{2, 7, 5, 7}
e	{2, 2, 7}
f	{2, 2, 5, 7, 7}

5 Use the factor diagram to find all the distinct prime factors of these numbers.



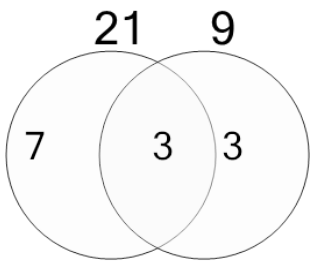
a	{2, 3, 3}
b	{2, 7, 3, 2}
c	{2, 3, 2, 2}
d	{2, 3, 3, 2}
e	{2, 3, 3, 2, 3}
f	{2, 3, 3, 7}

6 Use the factor diagram to find all the distinct prime factors of these numbers.



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

7 Use the factor diagram to find all the distinct prime factors of these numbers.



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