Factoring - Venn Diagrams - 2 Numbers - Populated Venn to Shared Factors
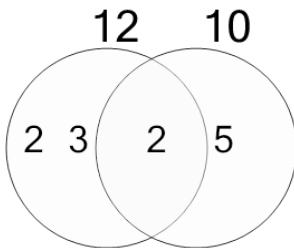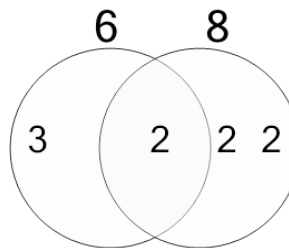
1 Find the shared prime factors of these numbers (in center)
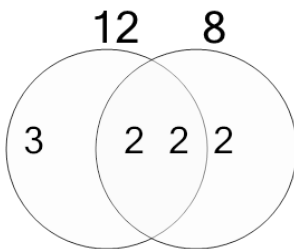
12   10

2 3 | 2 | 5

A	{2, 2, 4, 5, 3}
B	{2, 3, 4, 3, 2}
C	{2, 2}
D	{5, 7, 5}
E	{2}
F	{4, 6, 7}

2 Find the shared prime factors of these numbers (in center)

6   8

3 | 2 | 2 2

A	{4, 5, 5}
B	{2}
C	{6, 5, 2, 5}
D	{4, 3, 5, 5}
E	{3, 3, 7}
F	{3, 7, 7}

3 Find the shared prime factors of these numbers (in center)

12   8

3 | 2 2 | 2

A	{2, 6, 4, 5}
B	{2, 2, 6}
C	{2}
D	{2, 2}
E	{4, 2, 2, 4, 2}
F	{2, 2, 4}

4 Find the shared prime factors of these numbers (in center)

6   4

3 | 2 | 2
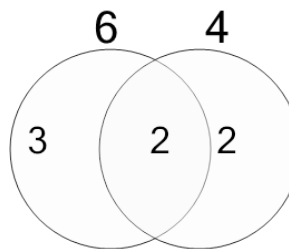
A	{6, 2, 3}
B	{2}
C	{4}
D	{5, 3, 7, 3}
E	{7}
F	{2, 2, 3, 3, 5}

5 Find the shared prime factors of these numbers (in center)

10   12

5 | 2 | 2 3
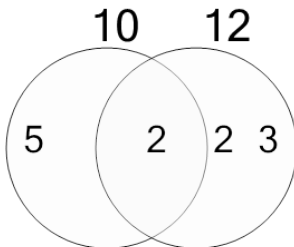
A	{2, 4, 7, 5}
B	{4, 4, 7, 2}
C	{2, 4}
D	{2}
E	{4, 3, 7}
F	{2, 6}

6 Find the shared prime factors of these numbers (in center)

8   2

2 2 | 2 |
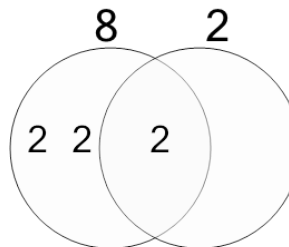
A	B
{2}	{5, 2, 3}
C	**D**
{4, 7, 5}	{3}
E	**F**
{4, 4, 7}	{3, 2, 7}

7 Find the shared prime factors of these numbers (in center)

2   6

| 2 | 3
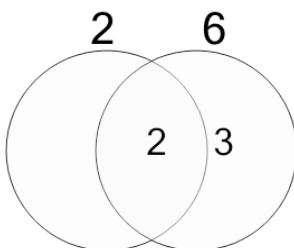
A	{2}
B	{2, 3}
C	{7, 3, 6, 2}
D	{2, 3, 3}
E	{3, 4, 2, 5}
F	{7}

8 Find the shared prime factors of these numbers (in center)

10   4

5 | 2 | 2
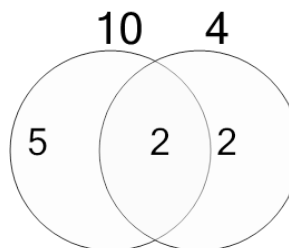
A	{2, 4}
B	{7, 3, 4, 3}
C	{7, 3, 3}
D	{2, 3}
E	{2}
F	{6, 4, 7, 7}