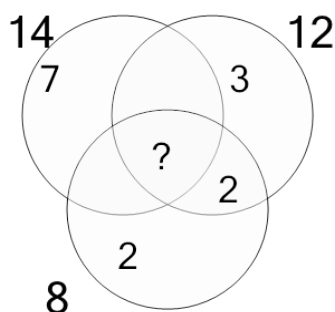


## Factoring - Venn Diagrams - 3 Numbers - Populated Venn without Center to Shared

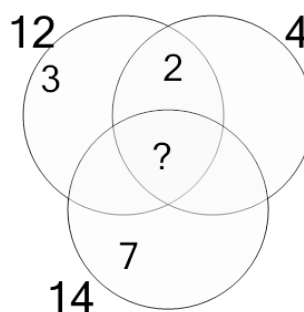
### Factors

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



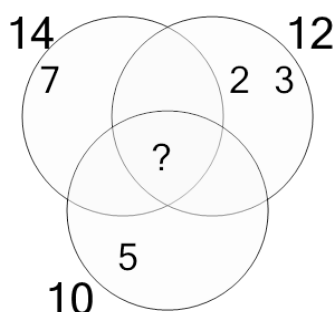
|   |                 |
|---|-----------------|
| A | {3, 4, 3}       |
| B | {2, 4, 3, 4, 4} |
| C | {2, 2, 4, 4, 5} |
| D | {3, 2, 7, 5}    |
| E | {6, 6, 6}       |
| F | {2}             |

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



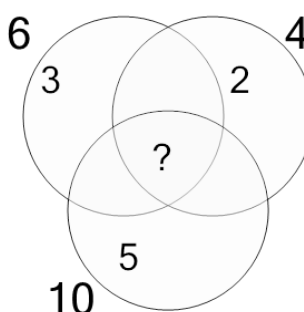
|   |              |
|---|--------------|
| A | {2, 4, 6, 3} |
| B | {4}          |
| C | {2}          |
| D | {3}          |
| E | {5, 3, 5, 6} |
| F | {7, 4, 6, 5} |

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



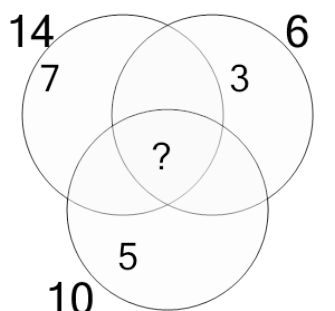
|   |                 |
|---|-----------------|
| A | {4, 2, 6, 2}    |
| B | {2, 4}          |
| C | {2, 2, 5, 5, 4} |
| D | {2, 5}          |
| E | {6, 4, 3}       |
| F | {2}             |

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



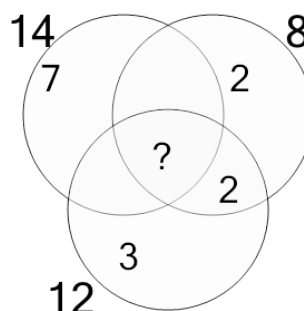
|   |                 |
|---|-----------------|
| A | {5, 4, 6, 7}    |
| B | {2, 4, 2, 5, 3} |
| C | {3}             |
| D | {2, 3, 7, 7, 2} |
| E | {2}             |
| F | {2, 6}          |

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



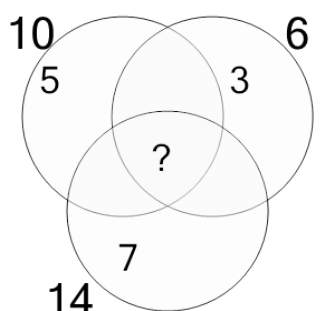
|   |              |
|---|--------------|
| A | {4, 7, 5}    |
| B | {4, 7, 5, 4} |
| C | {3, 6, 4}    |
| D | {2, 7}       |
| E | {7, 3, 3}    |
| F | {2}          |

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



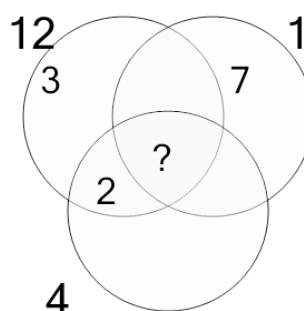
|   |              |
|---|--------------|
| A | {6, 5, 7}    |
| B | {2, 4}       |
| C | {4, 7, 2}    |
| D | {2, 7}       |
| E | {2}          |
| F | {3, 6, 7, 3} |

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



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

**8** Complete the factor diagram by adding the shared prime factors in the center



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