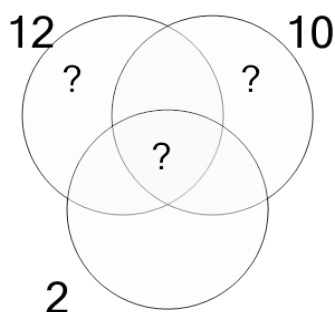




Factoring - Venn Diagrams - 3 Numbers - To Shared Factors

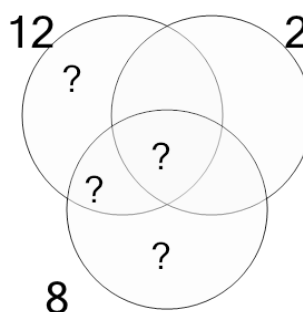


1 Use the factor diagram to find the shared prime factors of these numbers (in the center)



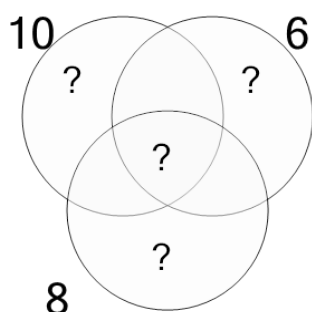
- | | |
|---|--------------|
| A | {5, 3, 3, 6} |
| B | {2, 3, 7, 3} |
| C | {3, 2, 6} |
| D | {5, 5, 2} |
| E | {2} |
| F | {6, 3, 4, 2} |

2 Use the factor diagram to find the shared prime factors of these numbers (in the center)



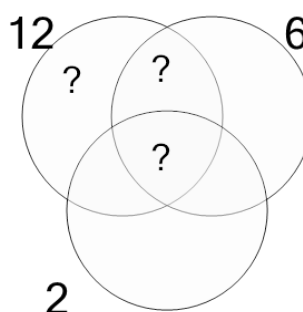
- | | |
|---|-----------------|
| A | {2} |
| B | {2, 2, 3} |
| C | {4, 4, 5} |
| D | {2, 3, 2, 5, 4} |
| E | {2, 2, 5, 6, 6} |
| F | {2, 7, 3} |

3 Use the factor diagram to find the shared prime factors of these numbers (in the center)



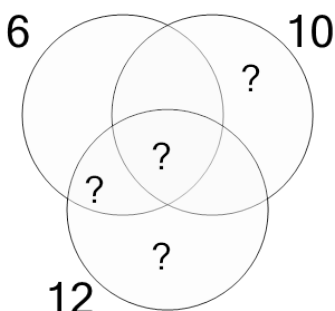
- | | |
|---|--------------|
| A | {6, 6, 2} |
| B | {2, 6, 5, 6} |
| C | {6, 2, 4} |
| D | {3, 4, 6} |
| E | {7} |
| F | {2} |

4 Use the factor diagram to find the shared prime factors of these numbers (in the center)



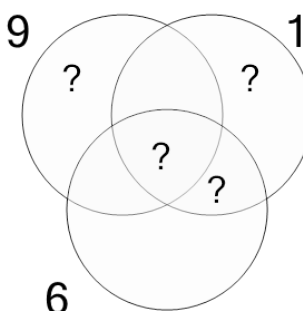
- | | |
|---|-----------------|
| A | {4, 3, 2} |
| B | {2, 3, 5, 6, 6} |
| C | {2, 5} |
| D | {2, 6, 3} |
| E | {2} |
| F | {6, 5, 4, 3} |

5 Use the factor diagram to find the shared prime factors of these numbers (in the center)



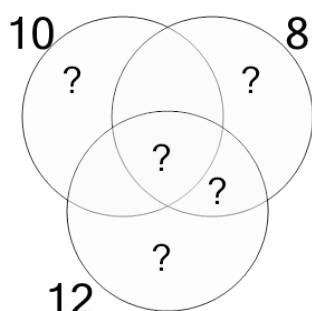
- | | |
|---|-----------------|
| A | {2} |
| B | {2, 4, 3, 2} |
| C | {7} |
| D | {2, 5} |
| E | {2, 7} |
| F | {2, 2, 4, 6, 5} |

6 Use the factor diagram to find the shared prime factors of these numbers (in the center)



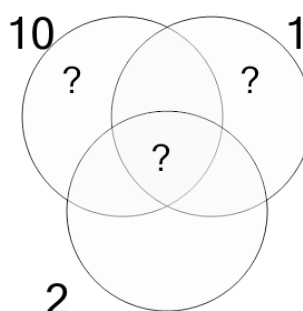
- | | |
|---|-----------------|
| A | {3, 5, 5, 7, 2} |
| B | {3} |
| C | {2, 6, 2} |
| D | {4, 7, 7} |
| E | {6, 5, 6} |
| F | {5} |

7 Use the factor diagram to find the shared prime factors of these numbers (in the center)



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

8 Use the factor diagram to find the shared prime factors of these numbers (in the center)



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