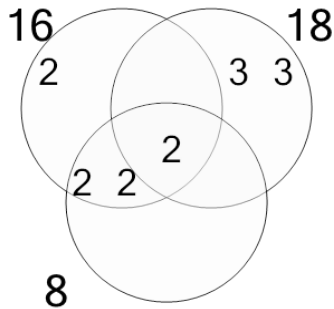




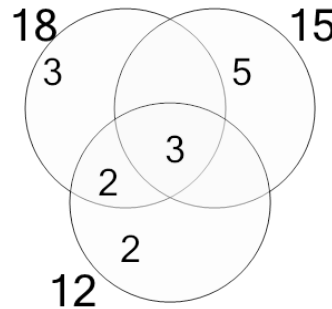
## Factoring - Venn Diagrams - 3 Numbers - Populated Venn to Distinct Factors

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



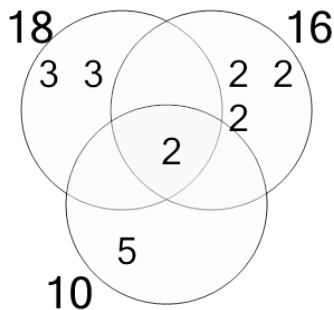
- |   |                       |
|---|-----------------------|
| A | {2, 2, 2, 2, 3, 3, 4} |
| B | {2, 2, 2, 2, 3, 3}    |
| C | {2, 2, 6, 2, 3, 3}    |
| D | {2, 2, 2, 2, 3, 6}    |
| E | {2, 2, 2, 2, 7, 3}    |
| F | {2, 2, 2, 2, 3, 3, 7} |

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



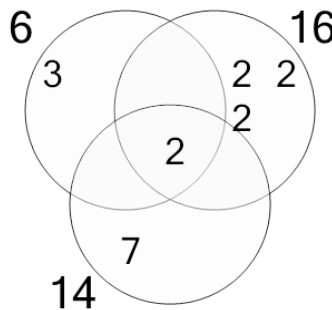
- |   |                    |
|---|--------------------|
| A | {3, 3, 3, 5, 2}    |
| B | {2, 3, 3, 5, 5}    |
| C | {2, 3, 6, 5, 2}    |
| D | {2, 3, 3, 5, 2, 6} |
| E | {2, 3, 3, 5, 2}    |
| F | {3, 3, 5, 2}       |

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



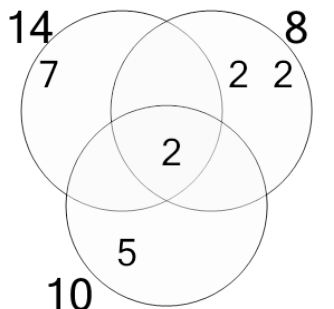
- |   |                          |
|---|--------------------------|
| A | {2, 3, 3, 2, 2, 2, 5}    |
| B | {2, 3, 3, 2, 2, 2}       |
| C | {2, 3, 3, 2, 2, 2, 5, 2} |
| D | {2, 3, 3, 2, 2, 2, 5, 4} |
| E | {2, 3, 3, 2, 2, 5}       |
| F | {2, 3, 3, 2, 3, 2, 5}    |

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



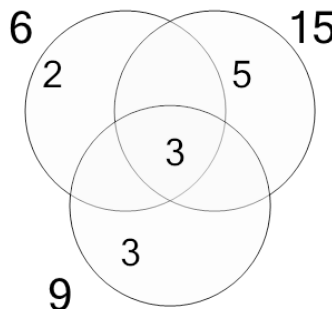
- |   |                       |
|---|-----------------------|
| A | {2, 3, 2, 2, 7, 7}    |
| B | {2, 3, 2, 2, 3, 7}    |
| C | {2, 3, 2, 2, 2}       |
| D | {2, 3, 2, 2, 2, 7}    |
| E | {2, 3, 2, 2, 2, 7, 3} |
| F | {2, 3, 2, 2, 7}       |

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



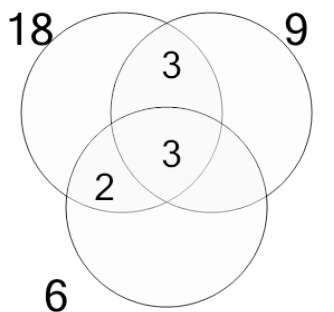
- |   |                 |
|---|-----------------|
| A | {2, 7, 2, 2, 5} |
| B | {2, 7, 2, 2}    |
| C | {2, 7, 2, 5}    |
| D | {2, 7, 6, 2, 5} |
| E | {2, 5, 2, 2, 5} |
| F | {2, 2, 2, 2, 5} |

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



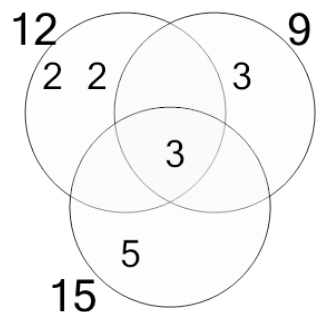
- |   |                 |
|---|-----------------|
| A | {3, 5, 3}       |
| B | {2, 3, 5, 3, 5} |
| C | {2, 3, 5, 3, 4} |
| D | {4, 3, 5, 3}    |
| E | {2, 3, 3}       |
| F | {2, 3, 5, 3}    |

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



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

**8** Use the factor diagram to find all the distinct factors of these numbers.



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