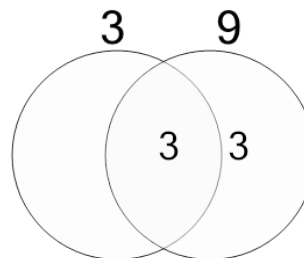




Math worksheet on 'Factoring - Venn Diagrams - 2 Numbers - Populated Venn to Distinct Factors (Level 1)'. Part of a broader unit on 'Factoring and Venn Factor Diagrams - Intro'

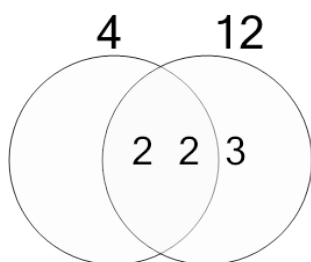
Learn online: app.mobius.academy/math/units/factoring_and_venn_diagrams_intro/

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



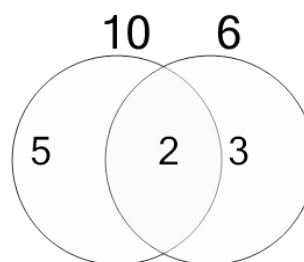
- | | |
|----------|-----------------|
| a | {3, 3, 2} |
| b | {3, 2, 6, 5} |
| c | {3, 4} |
| d | {3, 3} |
| e | {3, 5, 5, 2, 4} |
| f | {3, 3, 6} |

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



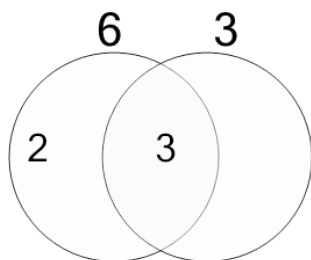
- | | |
|----------|-----------------|
| a | {2, 2, 3, 7} |
| b | {2, 2, 6} |
| c | {2, 2, 3, 2} |
| d | {2, 2, 3, 6} |
| e | {2, 2, 3} |
| f | {2, 3, 3, 5, 3} |

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



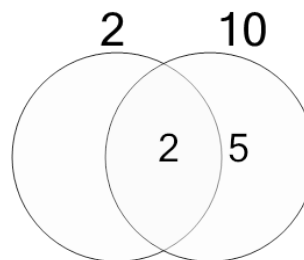
- | | |
|----------|-----------------|
| a | {2, 5, 5, 7, 6} |
| b | {2, 5, 3} |
| c | {3, 5, 3} |
| d | {5, 3, 5, 4, 3} |
| e | {5, 3, 5, 5, 7} |
| f | {2, 5, 3, 2} |

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



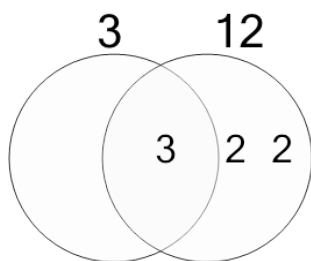
- | | | | |
|----------|--------|----------|-----------|
| a | {2} | b | {2, 3} |
| c | {2, 7} | d | {2, 3, 3} |
| e | {2, 5} | f | {2, 3, 4} |

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



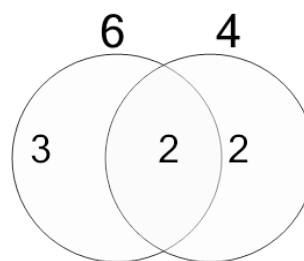
- | | |
|----------|-----------------|
| a | {5, 2, 5, 6} |
| b | {2, 5} |
| c | {2, 5, 5, 7, 7} |
| d | {2} |
| e | {4, 5, 7, 4, 6} |
| f | {3, 5, 4, 5, 5} |

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



- | | |
|----------|-----------------|
| a | {2, 2} |
| b | {3, 2, 2, 3, 3} |
| c | {4, 2, 2} |
| d | {3, 2, 2, 6} |
| e | {3, 2, 2, 5, 6} |
| f | {3, 2, 2} |

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



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