

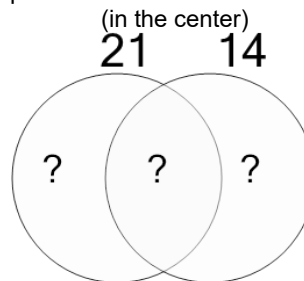


Math worksheet on 'Factoring - Venn Diagrams - 2 Numbers - To Shared Factors (Level 4)'. Part of a broader unit on 'Factoring and Greatest Common Factor - Practice'

Learn online:

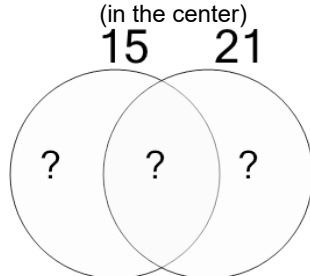
app.mobius.academy/math/units/factoring_and_greatest_common_factor_practice/

1 Populate the factor diagram and use it to find the shared prime factors of these numbers



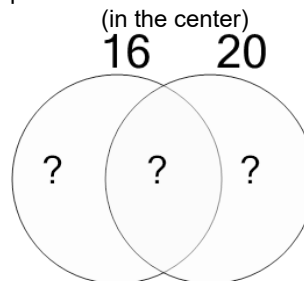
- | | |
|----------|--------------|
| a | {5, 2, 4} |
| b | {7, 7} |
| c | {7} |
| d | {2, 7, 4} |
| e | {5, 7, 5, 7} |
| f | {3, 4, 4} |

2 Populate the factor diagram and use it to find the shared prime factors of these numbers



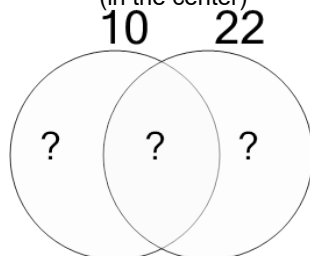
- | | |
|----------|--------------|
| a | {5, 5, 2} |
| b | {3, 3} |
| c | {3} |
| d | {2, 2, 7, 3} |
| e | {3, 5} |
| f | {3, 4} |

3 Populate the factor diagram and use it to find the shared prime factors of these numbers



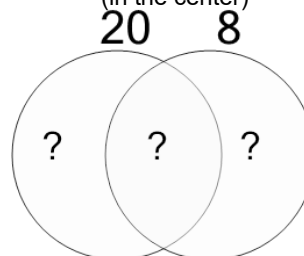
- | | |
|----------|-----------------|
| a | {2, 6, 2, 2, 4} |
| b | {2, 2, 4} |
| c | {2, 2} |
| d | {2, 2, 7} |
| e | {2, 3, 4, 5, 2} |
| f | {2, 2, 7, 3} |

4 Populate the factor diagram and use it to find the shared prime factors of these numbers



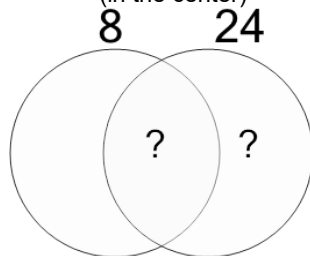
- | | |
|----------|-----------------|
| a | {2, 7, 3, 3, 6} |
| b | {6, 5, 6} |
| c | {2} |
| d | {5, 6, 2} |
| e | {2, 4} |
| f | {6} |

5 Populate the factor diagram and use it to find the shared prime factors of these numbers



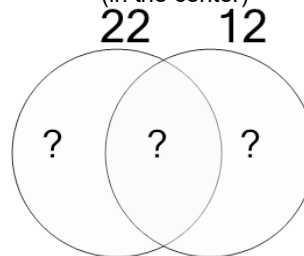
- | | |
|----------|-----------------|
| a | {2, 2, 3, 3} |
| b | {2, 2, 6} |
| c | {2, 2, 2} |
| d | {2} |
| e | {2, 2} |
| f | {4, 2, 3, 4, 3} |

6 Populate the factor diagram and use it to find the shared prime factors of these numbers



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

7 Populate the factor diagram and use it to find the shared prime factors of these numbers



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