

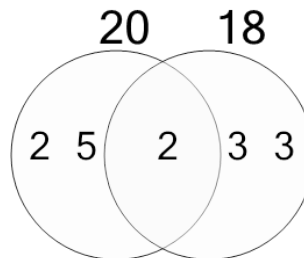


Math worksheet on 'Factoring - Venn Diagrams - 2 Numbers - Populated Venn to Shared Factors (Level 4)'. Part of a broader unit on 'Factoring and Greatest Common Factor - Practice'

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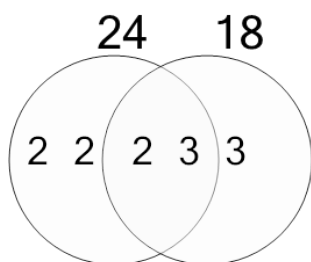
app.mobius.academy/math/units/factoring_and_greatest_common_factor_practice/

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



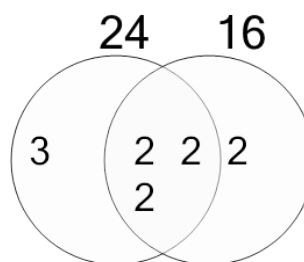
- | | |
|----------|-----------------|
| a | {2} |
| b | {4, 6, 3} |
| c | {2, 5} |
| d | {2, 2, 2, 5, 2} |
| e | {5, 6, 5, 2} |
| f | {4} |

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



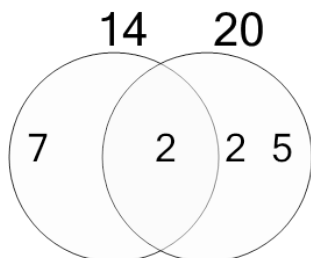
- | | |
|----------|-----------------|
| a | {3} |
| b | {2, 3, 2} |
| c | {2, 3} |
| d | {2, 3, 4} |
| e | {2} |
| f | {2, 7, 3, 4, 2} |

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



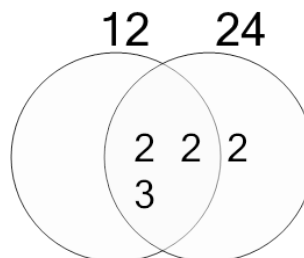
- | | |
|----------|--------------|
| a | {2, 4, 2} |
| b | {2, 7, 2} |
| c | {2, 2, 2} |
| d | {2, 2, 2, 3} |
| e | {2, 2} |
| f | {2, 5, 2} |

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



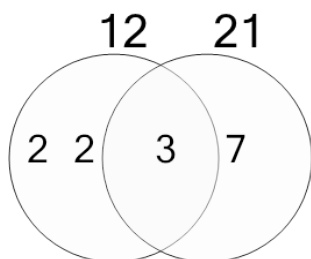
- | | |
|----------|-----------------|
| a | {2, 5, 6, 5, 4} |
| b | {2} |
| c | {7, 5, 4} |
| d | {2, 6, 3, 5} |
| e | {6, 2, 7, 7} |
| f | {5} |

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



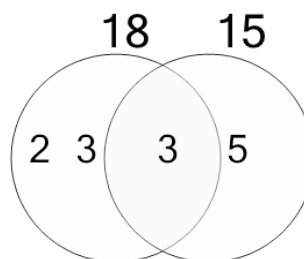
- | | |
|----------|-----------------|
| a | {2, 2, 3, 5} |
| b | {2, 3, 6, 2, 4} |
| c | {2, 2, 5, 6, 4} |
| d | {2, 2, 2} |
| e | {2, 3} |
| f | {2, 2, 3} |

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



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

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



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