

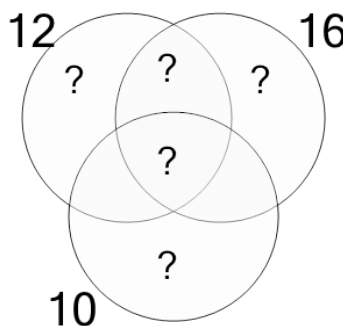


Math worksheet on 'Factoring - Venn Diagrams - 3 Numbers - To Shared Factors (Level 3)'. Part of a broader unit on 'Factoring and Venn Factor Diagrams - Practice'

Learn online:

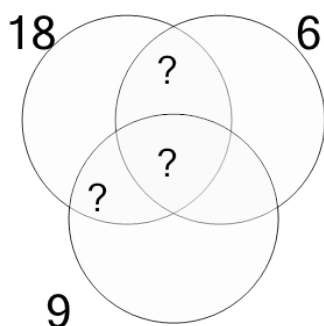
app.mobius.academy/math/units/factoring_and_venn_diagrams_practice/

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



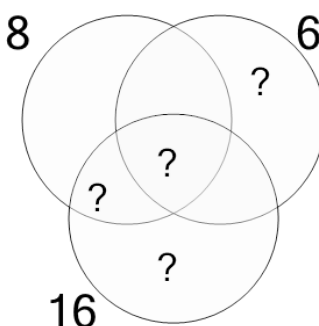
- | | |
|----------|-----------------|
| a | {5, 3, 2} |
| b | {2} |
| c | {2, 3, 7} |
| d | {2, 5, 2, 3, 6} |
| e | {5, 2, 2, 6} |
| f | {6, 6, 4} |

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



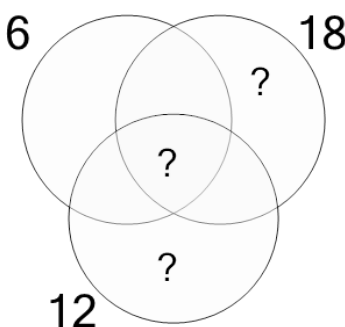
- | | |
|----------|-----------------|
| a | {5, 2, 4} |
| b | {4, 2, 6} |
| c | {4, 6, 5} |
| d | {3, 5, 6, 4, 4} |
| e | {4, 5, 7} |
| f | {3} |

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



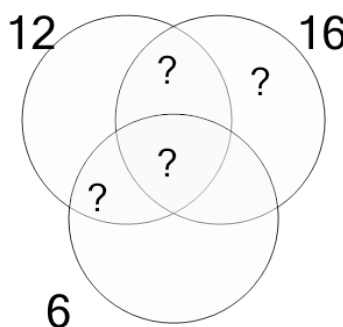
- | | |
|----------|--------------|
| a | {2} |
| b | {3, 3, 4, 5} |
| c | {7, 3, 3, 3} |
| d | {5, 7, 6, 4} |
| e | {6, 4, 5, 3} |
| f | {2, 6, 5, 7} |

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



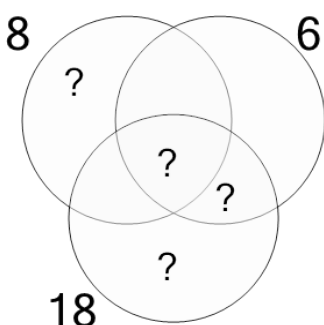
- | | |
|----------|-----------------|
| a | {6, 3, 5, 5, 7} |
| b | {3, 3, 5, 4, 3} |
| c | {2, 3, 6} |
| d | {3, 3, 6, 3} |
| e | {2, 3} |
| f | {2} |

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



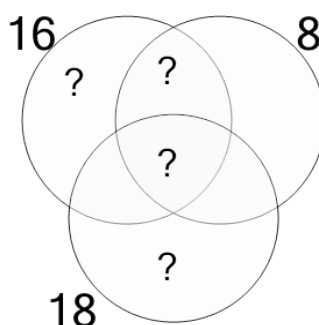
- | | |
|----------|-----------------|
| a | {2, 7, 3, 5, 5} |
| b | {2, 5} |
| c | {2, 7, 2, 7} |
| d | {3, 7, 3} |
| e | {6, 5, 2} |
| f | {2} |

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



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

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



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