

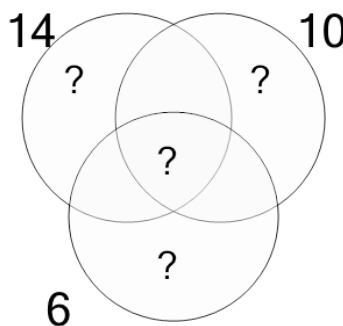


Math worksheet on 'Factoring - Venn Diagrams - 3 Numbers - To Distinct Factors (Level 3)'. Part of a broader unit on 'Factoring and Greatest Common Factor - Advanced'

Learn online:

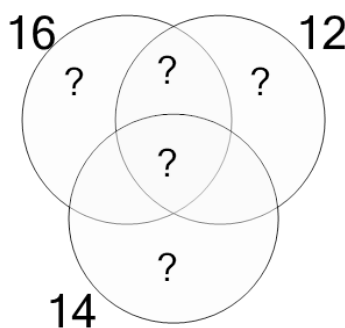
app.mobius.academy/math/units/factoring_and_greatest_common_factor_advanced/

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



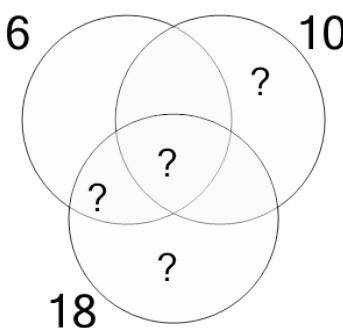
- | | |
|----------|-----------------|
| a | {2, 7, 5, 3, 4} |
| b | {2, 7, 5} |
| c | {2, 7, 5, 3} |
| d | {7, 5, 3} |
| e | {2, 7, 5, 2} |
| f | {2, 7, 5, 5} |

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



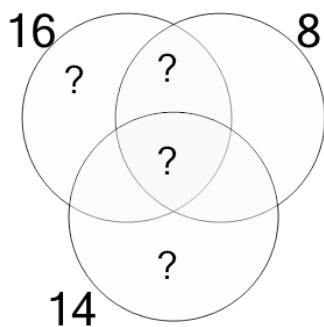
- | | |
|----------|-----------------------|
| a | {2, 2, 2, 2, 3, 7, 6} |
| b | {2, 2, 2, 3, 7} |
| c | {2, 2, 2, 2, 3, 6} |
| d | {2, 2, 2, 2, 3, 7} |
| e | {2, 2, 2, 2, 3} |
| f | {2, 2, 2, 2, 3, 7, 5} |

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



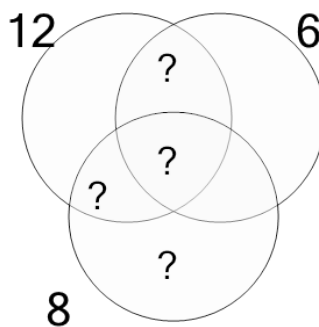
- | | |
|----------|-----------------|
| a | {2, 3, 5, 3, 3} |
| b | {2, 3, 3, 3} |
| c | {2, 3, 5, 3, 4} |
| d | {2, 3, 5, 3, 2} |
| e | {2, 3, 5, 3} |
| f | {4, 3, 5, 3} |

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



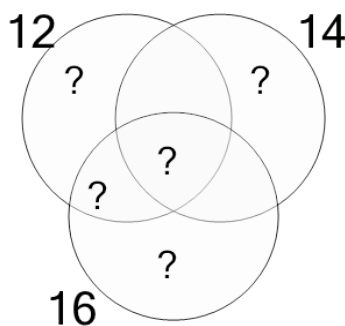
- | | |
|----------|--------------------|
| a | {2, 2, 2, 2, 7} |
| b | {2, 2, 2, 2, 7, 5} |
| c | {2, 2, 2, 2, 7, 3} |
| d | {2, 2, 2, 7} |
| e | {2, 2, 2, 4, 7} |
| f | {2, 2, 2, 2, 7, 7} |

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



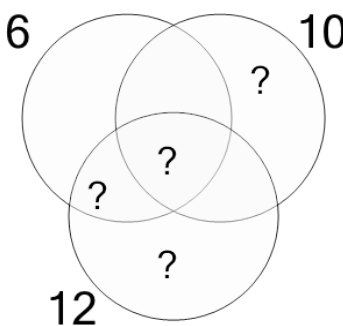
- | | |
|----------|-----------------|
| a | {2, 2, 3, 2, 4} |
| b | {2, 2, 3, 2} |
| c | {2, 6, 3, 2} |
| d | {2, 2, 3} |
| e | {2, 2, 3, 4} |
| f | {6, 2, 3, 2} |

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



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

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



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