



Math worksheet on 'Finding Lowest Common Multiple Distinct Factors (Level 2)'. Part of a broader unit on 'Factoring and Venn Factor Diagrams - Practice'

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| 1 Find the set of all the distinct prime factors of these numbers 11, 8 | a | {2, 2, 2} |
| | b | {11, 2, 2, 5} |
| | c | {11, 2, 2, 2} |
| | d | {11, 2, 2, 2, 7} |
| | e | {11, 2, 2} |
| | f | {3, 2, 2, 2} |

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| 2 Find the set of all the distinct prime factors of these numbers 13, 7 | a | {13, 2} |
| | b | {13, 7} |
| | c | {5, 7, 5, 7, 4} |
| | d | {5, 7, 6, 2, 6} |
| | e | {13, 7, 3} |
| | f | {6, 7, 5, 6, 6} |

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| 3 Find the set of all the distinct prime factors of these numbers 15, 12 | a | {3, 2, 2} |
| | b | {3, 5, 2, 2} |
| | c | {3, 5, 2, 5} |
| | d | {3, 2, 2, 2} |
| | e | {3, 5, 2, 6} |
| | f | {3, 5, 2} |

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| 4 Find the set of all the distinct prime factors of these numbers 15, 13 | a | {3, 7, 13} |
| | b | {3, 13, 2, 3, 6} |
| | c | {3, 4, 13} |
| | d | {3, 5, 3, 5, 3} |
| | e | {3, 5, 13} |
| | f | {3, 13} |

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| 5 Find the set of all the distinct prime factors of these numbers 15, 9 | a | {5, 3, 4, 5, 2} |
| | b | {3, 5, 3, 2} |
| | c | {3, 5, 7, 3, 7} |
| | d | {3, 5, 3} |
| | e | {3, 5, 3, 7} |
| | f | {3, 5, 4, 3, 2} |

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| 6 Find the set of all the distinct prime factors of these numbers 13, 14 | a | {13, 2, 4, 7, 5} |
| | b | {13, 2, 7} |
| | c | {13, 7} |
| | d | {13, 2, 2} |
| | e | {3, 2, 7} |
| | f | {13, 7, 7} |

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| 7 Find the set of all the distinct prime factors of these numbers 10, 13 | a | {2, 5, 13, 6} |
| | b | {5, 5, 13} |
| | c | {2, 13, 6, 7, 7} |
| | d | {2, 5, 13} |
| | e | {2, 5} |
| | f | {2, 5, 13, 3} |