

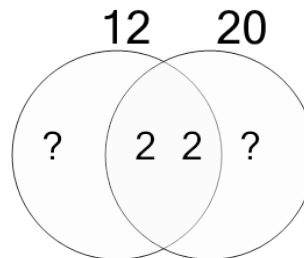


Math worksheet on 'Factoring - Venn Diagrams - 2 Numbers - Populated Venn without Unique to Distinct Factors (Level 4)'. Part of a broader unit on 'Factoring and Lowest Common Multiple - Practice'

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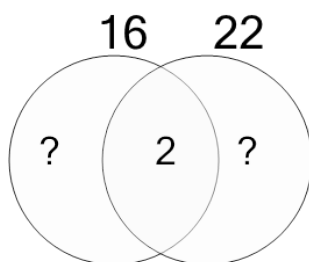
app.mobius.academy/math/units/factoring_and_lowest_common_multiple_practice/

1 Complete the factor diagram and use it to find the set of all distinct prime factors.



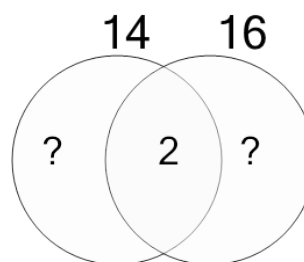
- a** {5, 2, 3, 5}
- b** {2, 2, 3, 5, 2}
- c** {2, 2, 2, 5}
- d** {2, 2, 3, 5}
- e** {2, 2, 3, 3}
- f** {2, 2, 3, 5, 5}

2 Complete the factor diagram and use it to find the set of all distinct prime factors.



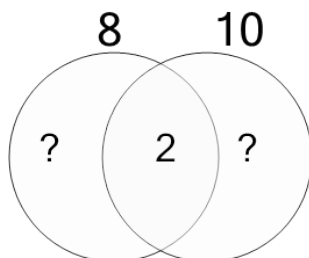
- a** {2, 2, 2, 2, 11}
- b** {2, 2, 2, 2, 11, 7}
- c** {2, 2, 2, 2, 6}
- d** {2, 2, 2, 2, 3}
- e** {2, 2, 2, 11}
- f** {2, 2, 2, 2, 11, 2}

3 Complete the factor diagram and use it to find the set of all distinct prime factors.



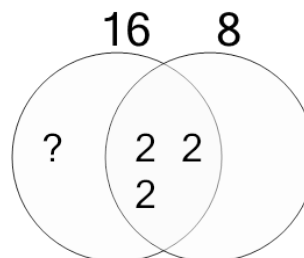
- a** {2, 7, 2, 2, 2, 2}
- b** {2, 7, 2, 2, 2, 7}
- c** {2, 7, 2, 2, 3}
- d** {2, 7, 2, 2, 2}
- e** {2, 7, 2, 2}
- f** {2, 7, 6, 2, 2}

4 Complete the factor diagram and use it to find the set of all distinct prime factors.



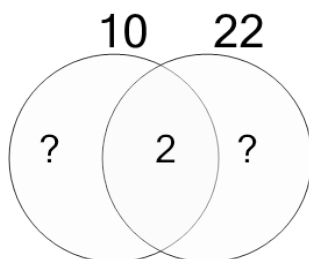
- a** {2, 2, 2, 5}
- b** {2, 2, 2, 5, 5}
- c** {2, 2, 2, 5, 6}
- d** {2, 2, 2, 5, 2}
- e** {2, 2, 2, 5, 4}
- f** {2, 2, 5}

5 Complete the factor diagram and use it to find the set of all distinct prime factors.



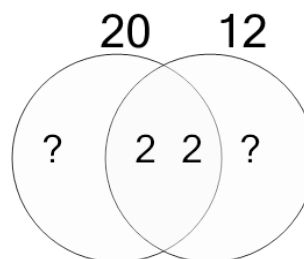
- a** {2, 2, 2, 6}
- b** {2, 2, 2, 2, 5}
- c** {2, 4, 2, 2}
- d** {2, 2, 2, 2}
- e** {2, 2, 2, 2, 3}
- f** {2, 2, 2}

6 Complete the factor diagram and use it to find the set of all distinct prime factors.



- a** {2, 11}
- b** {7, 5, 11}
- c** {2, 5, 11, 2}
- d** {2, 5, 11}
- e** {5, 11, 7, 7, 6}
- f** {2, 5, 2}

7 Complete the factor diagram and use it to find the set of all distinct prime factors.



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