

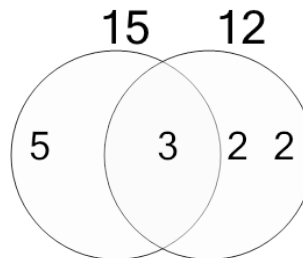


Math worksheet on 'Factoring - Venn Diagrams - 2 Numbers - Populated Venn to Distinct Factors (Level 3)'. Part of a broader unit on 'Factoring and Venn Factor Diagrams - Practice'

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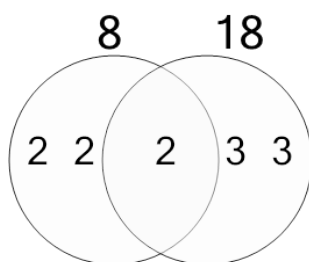
app.mobius.academy/math/units/factoring_and_venn_diagrams_practice/

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



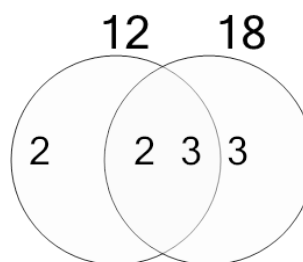
- a** {3, 5, 2, 2, 6}
- b** {3, 5, 2, 2, 3}
- c** {3, 5, 2, 2, 2}
- d** {3, 5, 2, 2}
- e** {3, 5, 2, 2, 4}
- f** {3, 5, 7, 2}

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



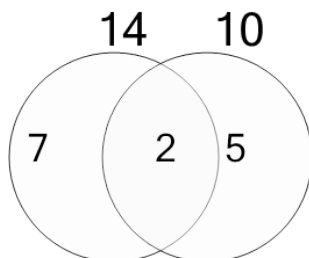
- a** {2, 2, 2, 3}
- b** {2, 2, 2, 3, 3, 6}
- c** {2, 2, 3, 3}
- d** {2, 2, 2, 3, 3, 2}
- e** {2, 2, 2, 3, 3}
- f** {2, 2, 2, 3, 5}

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



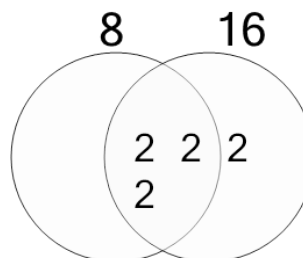
- a** {2, 2, 3, 3, 5}
- b** {2, 2, 3}
- c** {2, 2, 3, 3, 7}
- d** {2, 2, 3, 3}
- e** {2, 2, 3, 3, 4}
- f** {2, 3, 3}

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



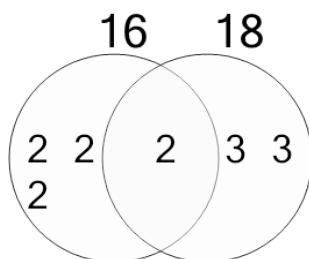
- a** {2, 7, 5, 4}
- b** {2, 7, 5}
- c** {7, 7, 5}
- d** {7, 5, 3, 4, 4}
- e** {7, 5, 7, 7, 4}
- f** {2, 7, 5, 6}

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



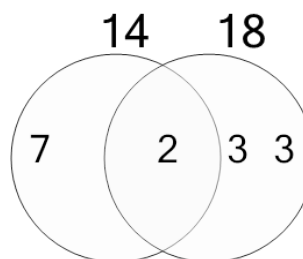
- a** {2, 2, 2, 3}
- b** {2, 2, 2, 2, 6}
- c** {2, 2, 2, 2}
- d** {2, 2, 2, 2, 5}
- e** {2, 2, 2, 2, 2}
- f** {2, 2, 2}

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



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

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



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