

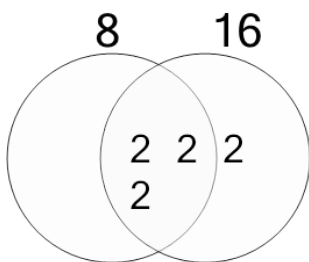


Math worksheet on 'Factoring - Venn Diagrams - 2 Numbers - Populated Venn to Shared Factors (Level 3)'. Part of a broader unit on 'Factoring and Venn Factor Diagrams - Practice'

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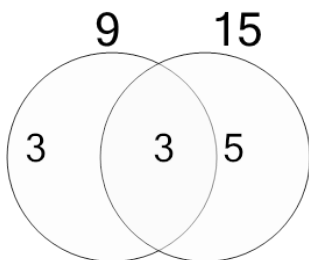
[app.mobius.academy/math/units/factoring\\_and\\_venn\\_diagrams\\_practice/](http://app.mobius.academy/math/units/factoring_and_venn_diagrams_practice/)

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



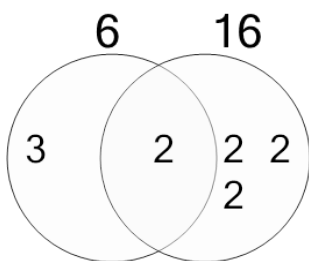
- a** {2, 2, 2, 7}
- b** {7, 2, 2}
- c** {6, 2, 2}
- d** {2, 2}
- e** {2, 2, 2, 4}
- f** {2, 2, 2}

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



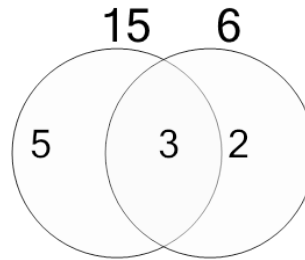
- a** {3}
- b** {3, 7, 5, 2, 5}
- c** {4, 7, 7, 2}
- d** {2, 7, 7, 6}
- e** {3, 4, 4}
- f** {3, 7, 4, 4, 6}

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



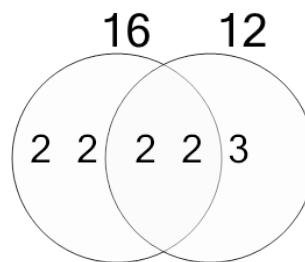
- a** {2}
- b** {2, 6}
- c** {7, 6, 5, 4}
- d** {4, 3, 6, 5}
- e** {7, 4, 5, 6}
- f** {6, 7, 6}

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



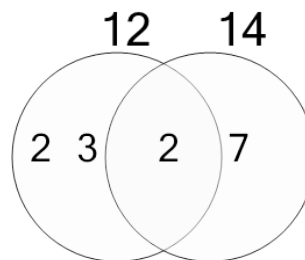
- a** {6, 3, 6}
- b** {6, 4, 2}
- c** {6}
- d** {3}
- e** {5, 3, 2}
- f** {4, 2, 2, 6}

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



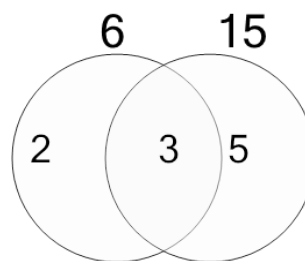
- a** {5, 2}
- b** {2, 3, 3, 7}
- c** {2, 2}
- d** {2, 6, 2, 6, 4}
- e** {2}
- f** {2, 7, 6, 5, 4}

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



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

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



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