

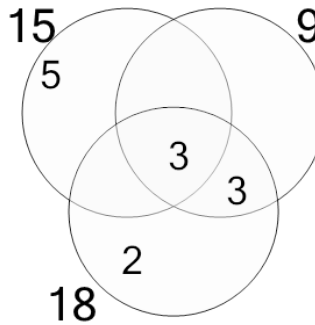


Math worksheet on 'Factoring - Venn Diagrams - 3 Numbers - Populated Venn to Shared Factors (Level 3)'. Part of a broader unit on 'Factoring and Venn Factor Diagrams - Practice'

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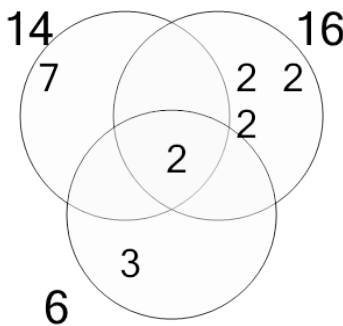
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1 Use the factor diagram to find the shared prime factors of these numbers (in the center)



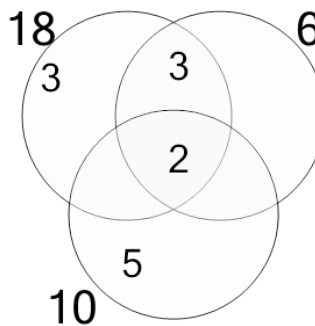
- a {6, 2, 2}
- b {6, 3, 4}
- c {3, 7}
- d {3, 7, 4, 5, 3}
- e {3}
- f {5}

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



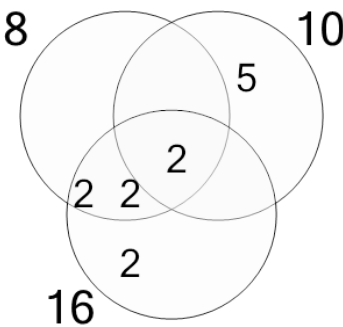
- a {5, 2, 4, 4}
- b {2}
- c {5, 2, 5}
- d {2, 6}
- e {7, 6, 3, 4}
- f {2, 4, 3, 5, 4}

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



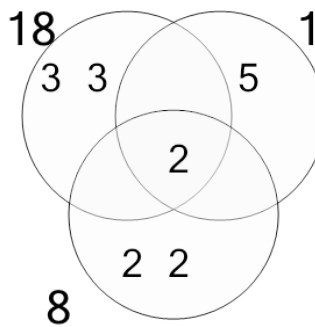
- a {2, 7}
- b {3, 5, 4}
- c {2}
- d {3}
- e {2, 5, 3, 7, 4}
- f {3, 5, 3}

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



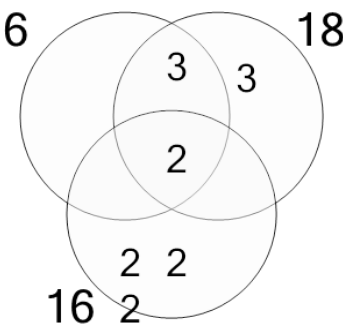
- a {7}
- b {2, 5}
- c {2}
- d {2, 4}
- e {6, 6, 5, 4}
- f {4}

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



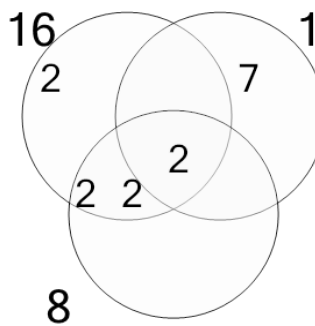
- |             |             |
|-------------|-------------|
| a {2, 7}    | b {5, 3, 4} |
| c {5}       | d {2, 6, 3} |
| e {4, 5, 3} | f {2}       |

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



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

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



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