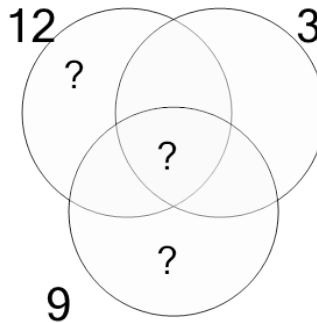




Math worksheet on 'Factoring - Venn Diagrams - 3 Numbers - To Shared Factors (Level 1)'. Part of a broader unit on 'Factoring and Venn Factor Diagrams - Intro'

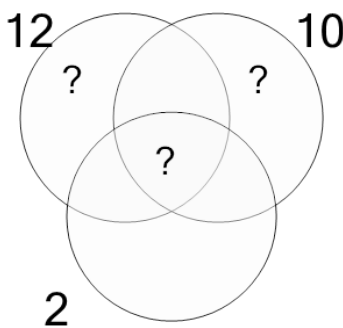
Learn online: app.mobius.academy/math/units/factoring_and_venn_diagrams_intro/

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



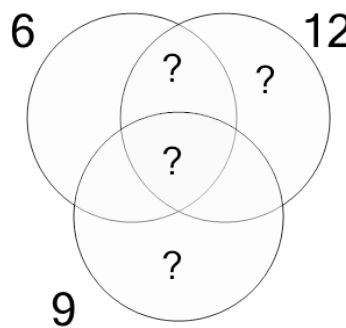
- a {3, 7, 7, 2, 3}
- b {5, 7, 3}
- c {3}
- d {2}
- e {4, 4, 2}
- f {7, 2, 2, 7}

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



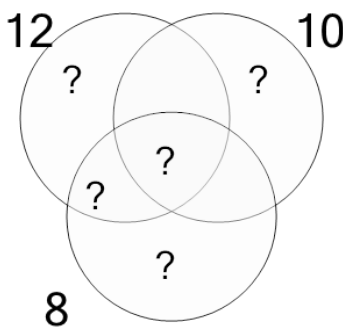
- a {2, 2, 4, 6, 2}
- b {2, 3, 5, 6, 7}
- c {2, 3}
- d {2}
- e {6}
- f {3, 4, 3, 2}

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



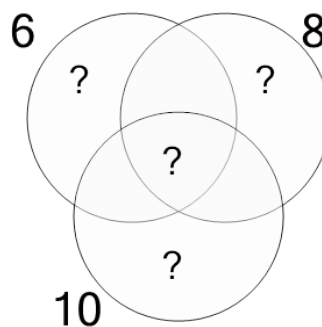
- a {6, 3, 3, 2}
- b {4}
- c {3}
- d {7}
- e {7, 4, 5}
- f {3, 5, 2, 2, 2}

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



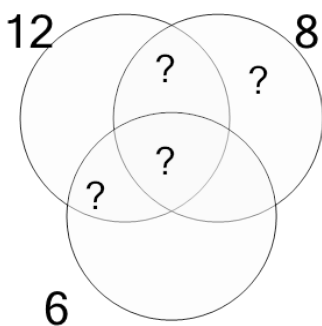
- | | |
|----------|-------------|
| a {2, 7} | b {5} |
| c {4} | d {3, 4, 3} |
| e {2} | f {2, 6} |

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



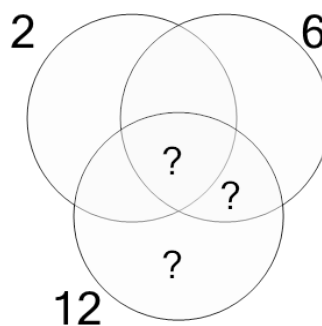
- a {2, 3, 4, 3, 7}
- b {2}
- c {2, 3, 4, 3, 6}
- d {4, 4, 3, 2}
- e {2, 6}
- f {3, 4, 5, 6}

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



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

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



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