

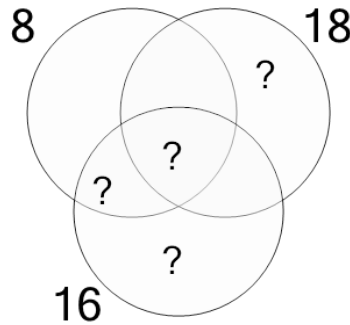


Math worksheet on 'Factoring - Venn Diagrams - 3 Numbers - To Distinct Factors (Level 3)'. Part of a broader unit on 'Factoring and Greatest Common Factor - Advanced'

Learn online:

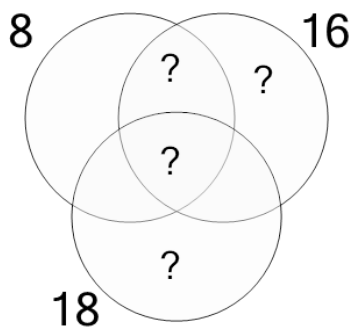
app.mobius.academy/math/units/factoring_and_greatest_common_factor_advanced/

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



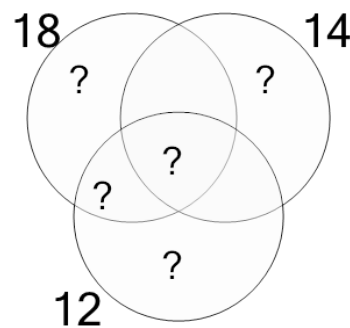
- a {2, 2, 2, 3, 3}
- b {2, 2, 3, 3, 2}
- c {2, 2, 2, 3, 2}
- d {2, 2, 2, 3, 3, 3}
- e {2, 2, 2, 3, 3, 2, 4}
- f {2, 2, 2, 3, 3, 2}

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



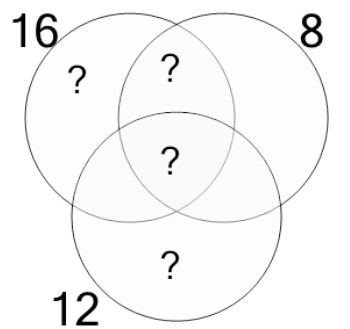
- a {2, 2, 2, 2, 3, 4}
- b {2, 2, 2, 2, 3, 3}
- c {2, 2, 2, 2, 3, 3, 2}
- d {2, 2, 2, 2, 3, 3, 5}
- e {2, 2, 2, 2, 3, 5}
- f {2, 2, 5, 2, 3, 3}

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



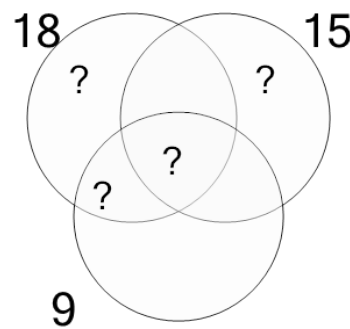
- a {2, 3, 3, 7, 2}
- b {2, 3, 3, 5, 2}
- c {3, 3, 7, 2}
- d {2, 3, 4, 7, 2}
- e {2, 4, 3, 7, 2}
- f {2, 3, 3, 7, 2, 3}

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



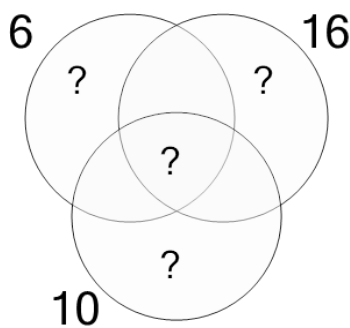
- a {2, 2, 2, 2, 3, 7}
- b {2, 2, 2, 2, 5}
- c {2, 4, 2, 2, 3}
- d {2, 2, 2, 2, 3}
- e {2, 2, 2, 2, 3, 2}
- f {2, 2, 2, 2, 7}

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



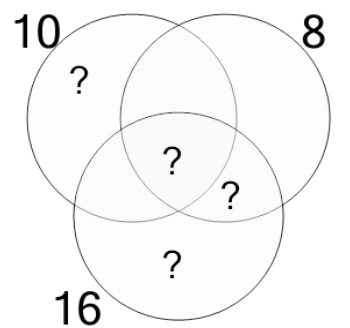
- a {2, 3, 3, 2}
- b {2, 3, 3, 5, 2}
- c {2, 3, 3, 5, 4}
- d {2, 3, 3, 5, 6}
- e {2, 5, 3, 5}
- f {2, 3, 3, 5}

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



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

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



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