LESSON **Proportional Relationships**
4 **Practice C: Proportions**

Find the missing value in each proportion.

1. $\dfrac{6}{15} = \dfrac{n}{45}$

2. $\dfrac{n}{160} = \dfrac{1}{40}$

3. $\dfrac{2}{8} = \dfrac{n}{56}$

4. $\dfrac{13}{26} = \dfrac{n}{4}$

5. $\dfrac{4}{9} = \dfrac{32}{n}$

6. $\dfrac{n}{16} = \dfrac{14}{32}$

7. $\dfrac{1}{17} = \dfrac{0.5}{n}$

8. $\dfrac{8.1}{9} = \dfrac{n}{15}$

9. $\dfrac{9.1}{7} = \dfrac{n}{5}$

10. Use circles and triangles to draw a model for the proportion $\dfrac{5}{6}$.

11. Use hearts and diamonds to draw a model for the proportion $\dfrac{3}{4}$.

12. To avoid dehydration, a person should drink 8 ounces of water for every 15 minutes of exercise. How much water should Hahn drink if he cycles for 135 minutes?

13. Leo has entered a reading contest to raise money for charity. His aunt has agreed to pay Leo $0.13 for every 5 pages that he reads. Leo's uncle has promised to match every whole dollar that Leo collects in the contest with $1.75. If Leo reads 365 pages, how much money will his aunt donate to the charity? How much will Leo's uncle give to match the aunt's donation?

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