

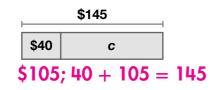


115

12. Look at the picture. Write and solve an equation to model the picture. Show your answer as a multiplication equation with $\frac{1}{2}$ as a factor.

 $6 \times \frac{1}{2} = 3$

- **13. Higher Order Thinking** Explain how you would find $45 \times \frac{7}{9}$ mentally. Sample answer: I know $45 \times \frac{1}{9}$ is 5. Then multiply 5 by 7 to get 35. **14. Construct Arguments** Do you think the difference 2.99 – 0.01 is greater than 3 or less than 3? Explain. Less than 3; Sample explanation: 0.01 is being subtracted from a number less than 3 so the difference is less than 3.
- **15.** Ben runs $\frac{3}{4}$ mile each day. How many miles does Ben run in 12 days? **9 miles**
- **17.** Algebra Tina had \$145. She spent \$40 on fruit at the farmer's market. Solve the equation 40 + c = 145 to find the amount Tina has left.



- 16. Write a multiplication expression that shows 10⁵.
 Sample answer: 10 × 10 × 10 × 10 × 10
- **18.** Hippos eat a lot of food. How much food do 28 hippos eat in a week?

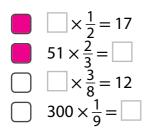


About 14 tons

Hippos eat about $\frac{1}{2}$ ton of food in a week.

Assessment Practice

19. Select all equations that would be made true with the number 34.



20. Select all equations that would be made true with the fraction $\frac{2}{9}$.

