6.4 Practice A
Answers

1. 40%; Methods will vary.

3. $a = \dfrac{70}{100} \cdot 120$; 84

5. $112 = \dfrac{56}{100} \cdot w$; 200

7. $a = \dfrac{140}{100} \cdot 45$; 63

9. 21 competitors

11. 75%

13. a. 6%   **b.** $7.50   **c.** $12.50

15. false; To find 0.5% of a number, multiply it by $\dfrac{0.5}{100}$, or $\dfrac{5}{1000}$.