### What fraction describes the shaded area in the following questions?

1.



- **A.**  $\frac{3}{8}$
- **B.**  $\frac{5}{8}$
- c.  $\frac{8}{3}$
- **D.**  $\frac{5}{3}$

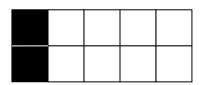
2.



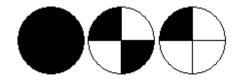
- **A.**  $\frac{2}{3}$

- **D.**  $\frac{1}{9}$

3.



- **B.**  $\frac{2}{3}$
- **c.**  $\frac{4}{5}$
- **D.**  $\frac{1}{3}$



- **A.**  $\frac{4}{9}$
- **B.**  $\frac{4}{12}$
- **D.**  $\frac{3}{5}$

# For problems 5 through 15, choose the best answer to each question.

- 5. Jim had 9 hits in 24 times at bat. What part of the time did Jim get a hit?
  - **A.**  $\frac{3}{7}$
  - **B.**  $\frac{3}{8}$
  - **c.**  $\frac{3}{4}$
  - **D.**  $\frac{3}{10}$

- Andy struck out 8 times in 24 times 6. at bat. What part of the time did he get a hit?

# Subskill # 23 Fractional Parts and Comparisons II

- 7. Which fraction is less than 1?
  - **A.**  $\frac{4}{4}$
  - **B.**  $\frac{3}{2}$
  - **C.** 20/21
  - **D.**  $\frac{5}{3}$
- 8. Which fraction is greater than 1?
  - **A.**  $\frac{3}{2}$
  - **B.**  $\frac{8}{9}$
  - c.  $\frac{6}{6}$
  - **D.**  $\frac{2}{3}$
- 9. What part of 20 is 12?
  - **A.**  $\frac{4}{5}$
  - **B.**  $\frac{3}{5}$
  - **c.**  $\frac{2}{5}$
  - **D.**  $\frac{1}{2}$
- 10. 15 is what part of 40?
  - **A.**  $\frac{3}{4}$
  - B.  $\frac{5}{8}$
  - c.  $\frac{3}{8}$
  - **D.**  $\frac{1}{4}$
- 11.  $\frac{2}{3}$  of what number is 8?
  - **A.** 24
  - **B.** 12
  - **C.** 15
  - **D.** 18

- 12. 25 is  $\frac{5}{8}$  of what number?
  - **A.** 40
  - **B.** 10
  - **C.** 15
  - **D.** 35
- 13. Brass contains 3 parts copper and 2 parts zinc. What part of brass is copper?
  - **A.**  $\frac{2}{5}$
  - B.  $\frac{3}{5}$
  - **c.**  $\frac{3}{2}$
  - **D.**  $\frac{1}{5}$
- 14. Using the information is question 13, what part of brass is zinc?
  - **A.**  $\frac{3}{5}$
  - **B.**  $\frac{2}{3}$
  - **c.**  $\frac{2}{5}$
  - **D.**  $\frac{1}{2}$
- 15. Joan earns \$20,000 annually. If she saves \$150 each month, what part of her annual income does she save?
  - **A.**  $\frac{3}{400}$
  - **B.**  $\frac{2}{3}$
  - **c.**  $\frac{4}{25}$
  - **D.**  $\frac{9}{100}$

## Subskill # 23 Fractional Parts and Comparisons II

## **Answer Key**

- 1. B
- 2. C
- 3. A
- 4. C
- 5. B
- 6. D
- 7. C
- 8. A
- 9. B
- 10. C
- 11. B
- 12. A
- 13. B
- 14. C
- 15. D