

Mark the best answer.

- 1.** Use the table below. What is the ratio of guppies to moonfish? (17-1)

Varieties of Fish in an Aquarium

Angelfish	Guppy	Butterfly Fish	Moonfish	Platy
20	28	14	35	40

- A** 2:4
B 5:2
C 7:5
D 4:5
- 2.** What is 43 out of 100 as a percent? (17-2)
- A** 4.3%
B 43%
C 86%
D 100%
- 3.** Which of the following can be used to find 75% of 40? (17-4)
- A** Multiply 75 by 100.
B Multiply 7.5 by 40.
C Multiply 0.75 by 40.
D Multiply 0.75 by 0.40.

- 4.** Which ratio is equal to 9:3? (17-1)

- A** 16:3
B 10:2
C 12:4
D 1:3

- 5.** The sale price of a coat is 60% of its regular price. If the regular price was \$55, what is the sale price? (17-4)

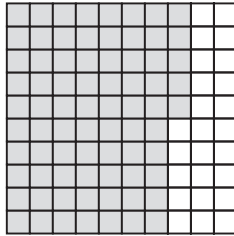
- A** \$11
B \$33
C \$60
D \$66

- 6.** Two out of 20 flowers are roses. What percent of the flowers are roses? (17-5)

Roses	2				
Total Flowers	20	40	60	80	100

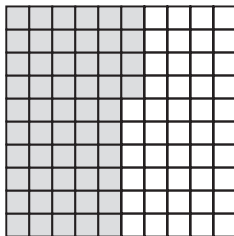
- A** 20%
B 15%
C 10%
D 5%

7. John finished reading 75% of the pages in a book he borrowed from the library. What is the ratio of pages John read to all of the pages in the book? (17-2)



- A $\frac{75}{25}$
- B $\frac{100}{75}$
- C $\frac{75}{100}$
- D $\frac{25}{75}$

8. Which of the following represents the shaded area as a percent, a decimal, and a fraction? (17-3)



- A 27%, 0.27, $\frac{27}{100}$
- B 27%, 0.27, $\frac{27}{50}$
- C 54%, 0.54, $\frac{27}{100}$
- D 54%, 0.54, $\frac{27}{50}$

9. What is the ratio of the number of squares to the number of circles? (17-1)



- A 3 to 4
- B 4 to 3
- C 2 to 1
- D 4 to 2

10. Which is equal to 50%? (17-3)

- A 5.00
- B $\frac{1}{2}$
- C 0.05
- D $\frac{5}{100}$

11. Which is 20% written as a decimal and as a fraction? (17-3)

- A 0.002, $\frac{20}{100}$
- B 0.2, $\frac{2}{100}$
- C 0.002, $\frac{2}{100}$
- D 0.2, $\frac{20}{100}$

Name _____

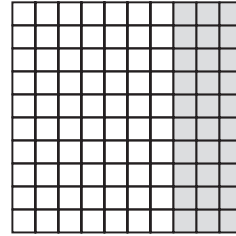
12. In a particular animal shelter during one month, the ratio of the number of dogs adopted to the number of cats adopted was 18 to 12. Which of the following ratios is equal to 18 to 12? (17-1)

- A** 8 to 2
- B** 4 to 3
- C** 3 to 2
- D** 2 to 3

13. Mrs. Lubawy's fifth-grade class raised 31% of the money they needed for a field trip by selling lemonade at a community picnic. What fraction equals 31%? (17-3)

- A** $\frac{69}{31}$
- B** $\frac{69}{100}$
- C** $\frac{31}{69}$
- D** $\frac{31}{100}$

14. What percent is represented by the shaded part of the grid? (17-2)



- A** 3%
- B** 15%
- C** 30%
- D** 60%

15. What is 20% of 140? (17-4)

- A** 28
- B** 14
- C** 7
- D** 1.4