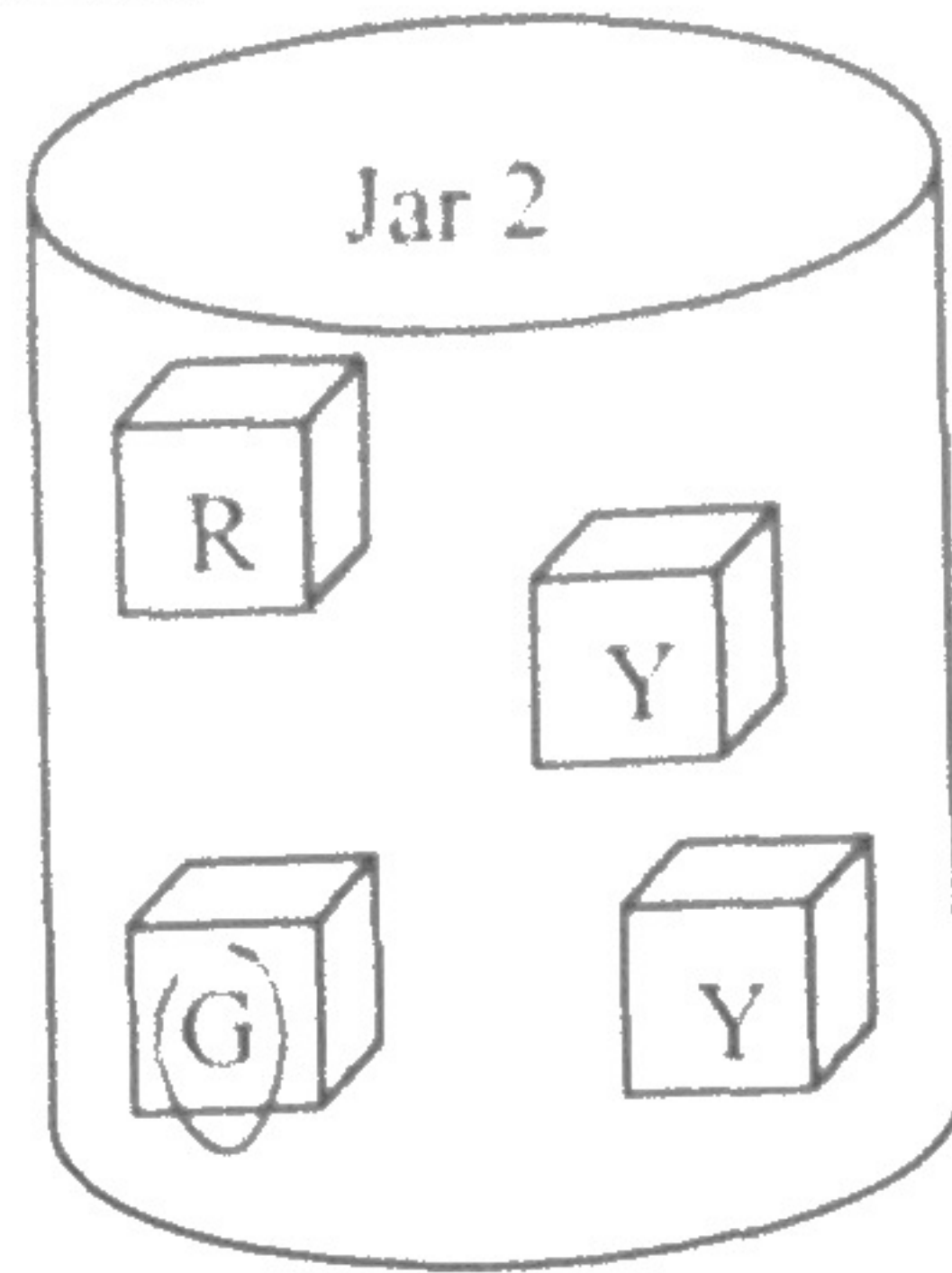
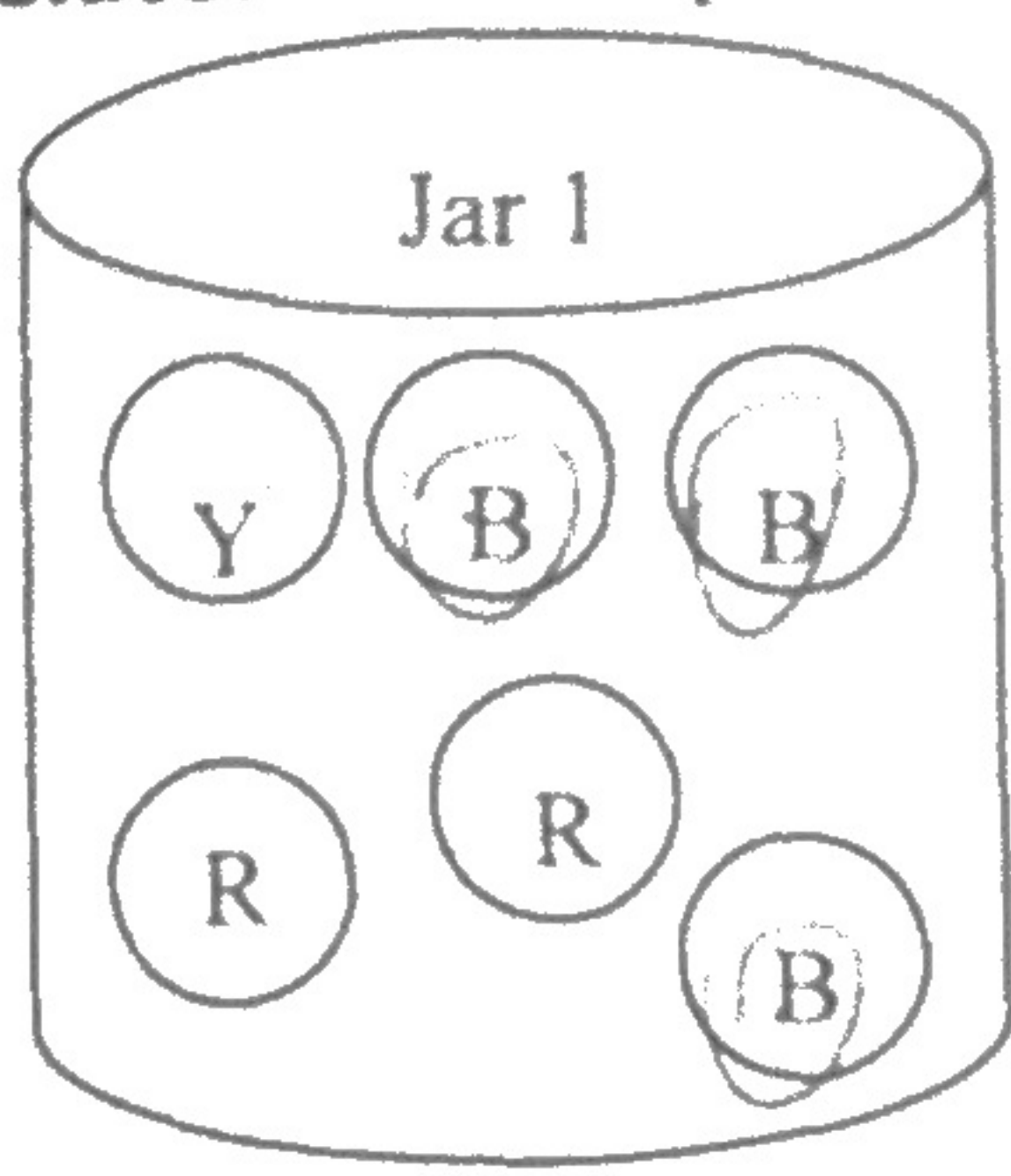


Final Exam Study Guide, Part 2

Answer each question completely and use each problem to review any necessary information related to that particular question.



1. (MAMDMD1) Jar 1 has 6 marbles in it. Jar 2 has 4 cubes in it. Find the probability of drawing out a blue marble and a green cube without looking.

- A. 2/5
B. 1/8
C. 3/10
D. 4/10

$$\frac{4}{10} = \frac{2}{5}$$

$$9.85(.08) = .79$$

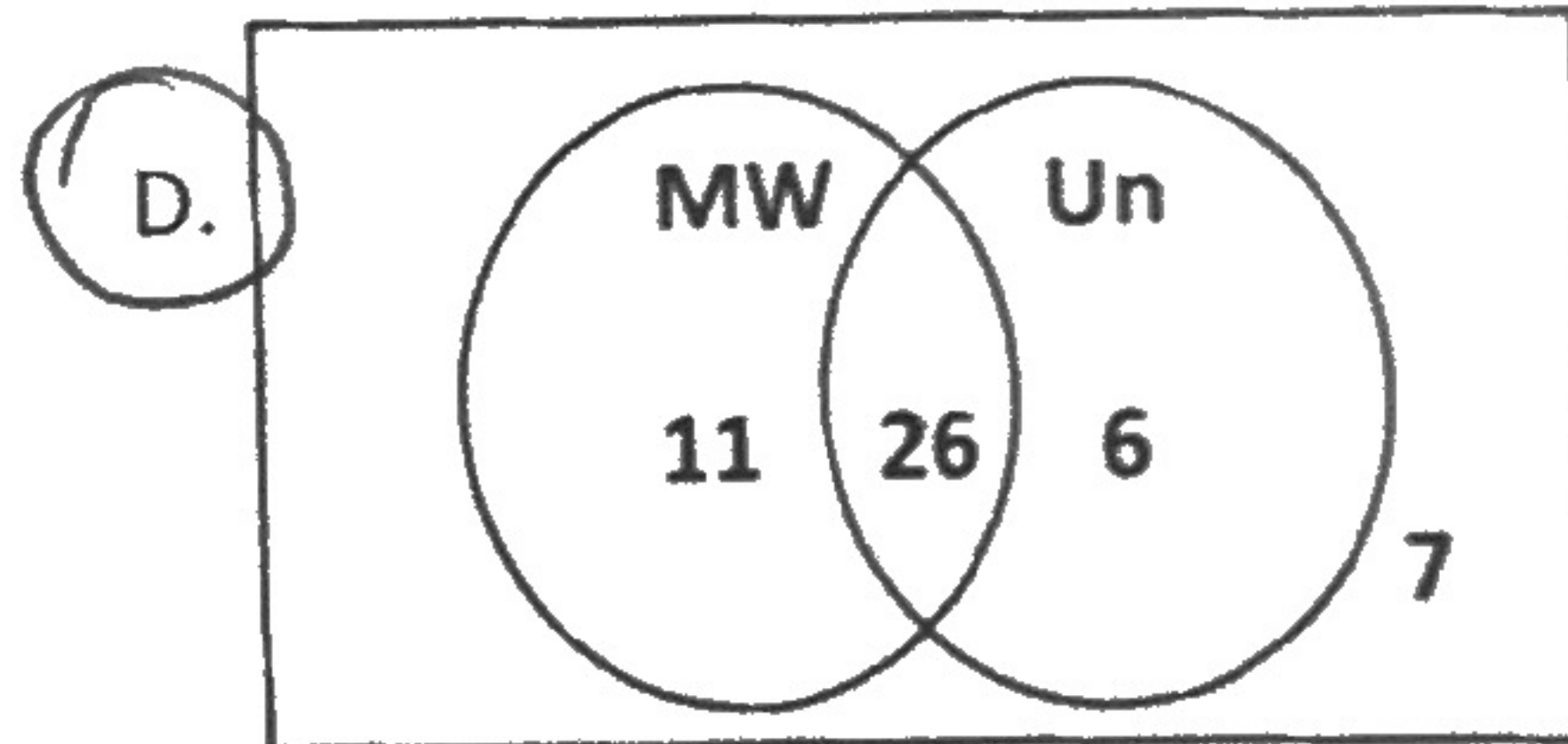
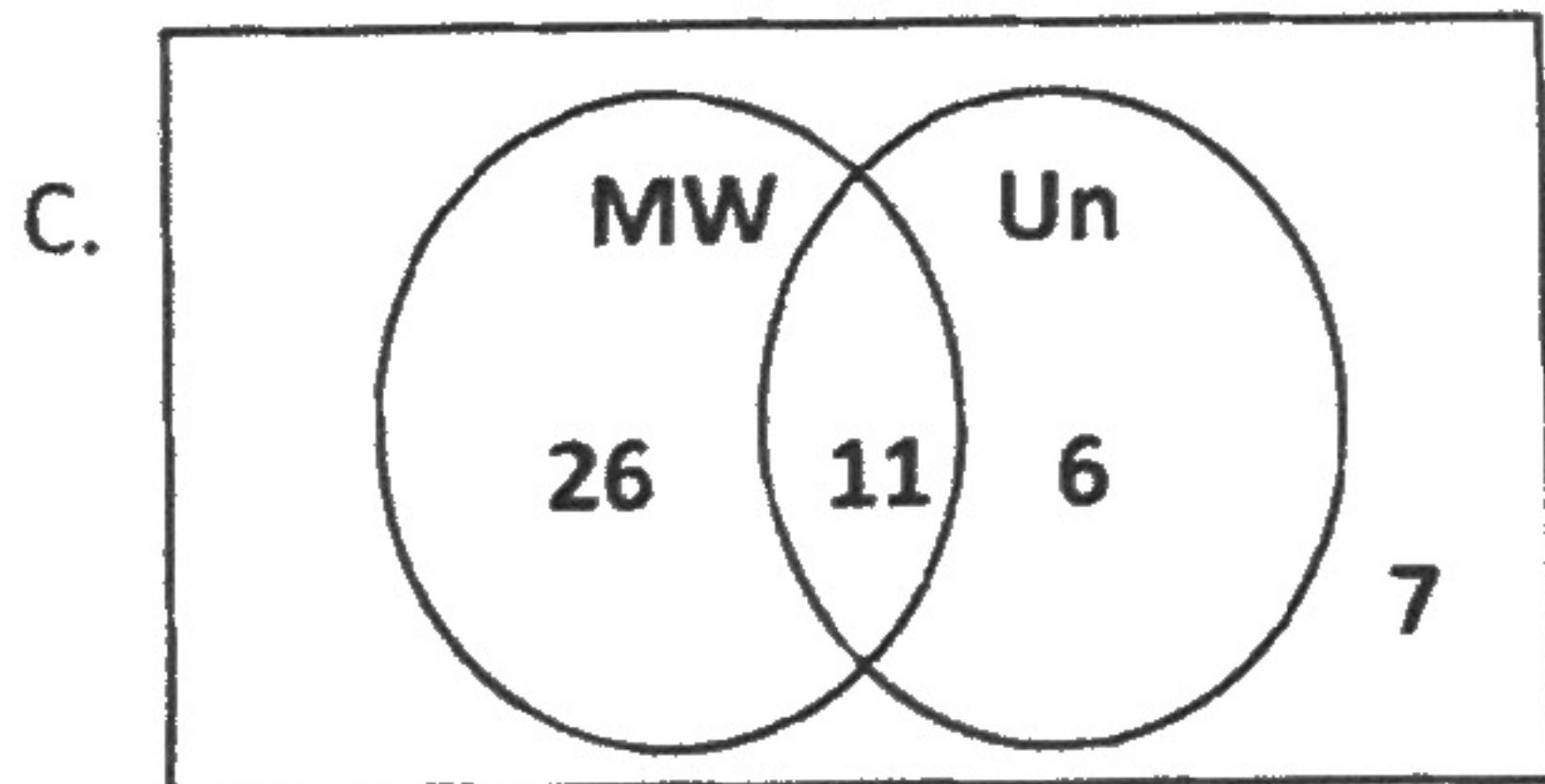
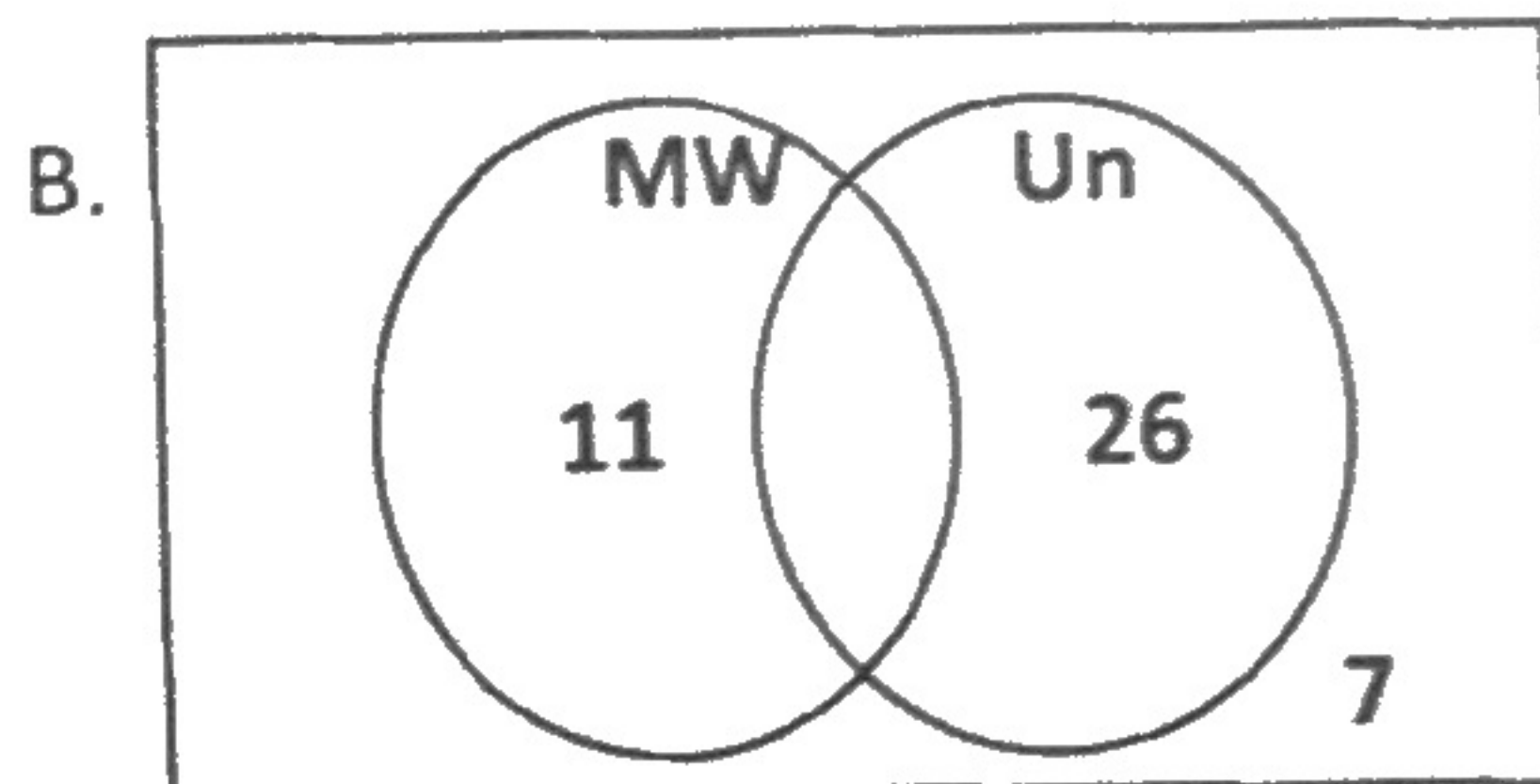
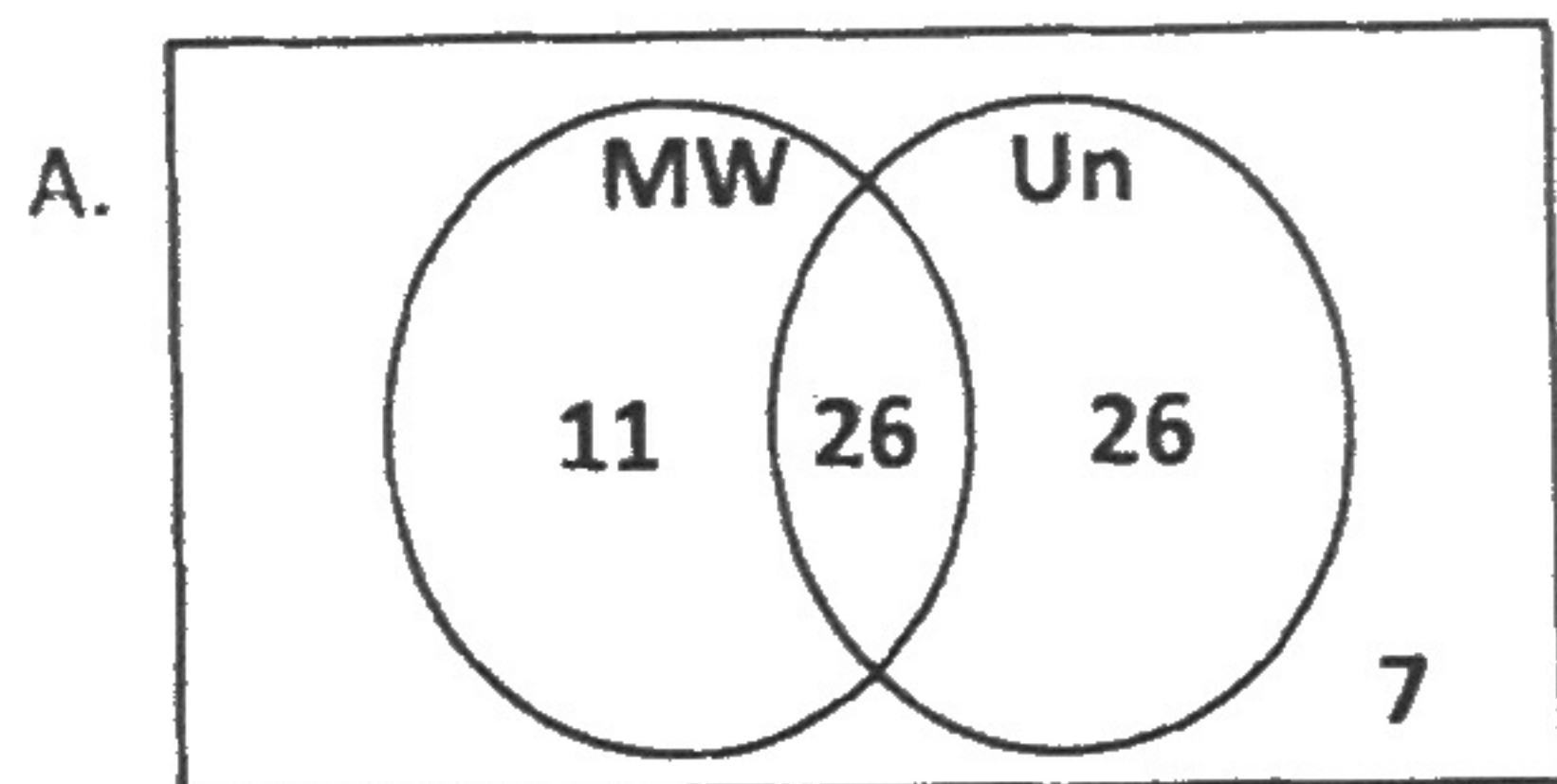
$$9.85 + .79 = 10.64$$

$$12.40 - 10.64 = 1.76$$

2. Shelly signs her final bill at lunch for \$12.40. If her meal only cost \$9.85 and there is 8% tax, how much did Shelly tip?

- A. \$2.56
B. \$1.76
C. \$5.00
D. \$3.76

3. (MAMDMD1) 50 students in Mr. Price's class received Playstation 3 games for Christmas. He polled the students to see if any of them received Modern Warfare 2 (MW) or Uncharted 2 (Un). The response was 11 received Modern Warfare 2, 26 received both and 7 didn't get either game. Which of the following Venn Diagrams correctly shows the data from the classes?



4. (MAMDMD1) You toss a coin without looking at the board to the right of this question. Looking at the board as an area model, what are the chances that your coin lands on a red section?

- A. 25%
B. 18.8%
C. 12.5%
D. 33%

$$\frac{3}{16} = 18.75\%$$

