

TEST NAME: **Ratios and Proportions (RP.3)**  
TEST ID: **180478**  
GRADE: **06**  
SUBJECT: **Mathematics**  
TEST CATEGORY: **School Assessment**

Student: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

1. At a store, green beans are sold by the pound.

<b>Weight of Green Beans (lb)</b>	<b>Cost (\$)</b>
2	4
4	8
6	12

Based on the table, how much will 7 pounds of green beans cost?

- A. \$13
  - B. \$14
  - C. \$16
  - D. \$20
2. Leo's savings account balance increases the same amount each month.

**Leo's Savings Account**

March	\$220
April	\$226
May	?
June	\$238
July	\$244

How much money was in Leo's account in May?

- A. \$228
- B. \$230
- C. \$232
- D. \$234

3. The table shows the cost of apples, given the number of pounds purchased.

Pounds (lb)	Cost (\$)
2	5.00
5	12.50
8	20.00
11	27.50

At this rate, what would be the cost of 20 lb of apples?

- A. \$8
- B. \$40
- C. \$50
- D. \$100
4. A 30-mile trip uses 1.75 gallons of gas. **Approximately** how much gas would be used on a 125-mile trip?
- A. 2.38 gallons
- B. 4.75 gallons
- C. 5.49 gallons
- D. 7.29 gallons
5. There are 136 students in the cafeteria. The ratio of students buying lunch to those who brought their lunch is 3 : 1. How many students brought their lunch?
- A. 17
- B. 34
- C. 68
- D. 102

6. Valerie, Billy, and Juanita all have pencils. The number of pencils they have has a ratio of 1 : 3 : 4. Billy has 9 pencils. How many pencils does Juanita have?
- A. 4
  - B. 10
  - C. 12
  - D. 36
7. A test had 50 questions. Kim answered 40 questions correctly. What percent of the questions did Kim answer correctly?
- A. 20%
  - B. 40%
  - C. 80%
  - D. 90%
8. A candidate running for mayor received 25% of the votes. The candidate received 14,980 votes. **About** how many people voted?
- A. 80,000
  - B. 60,000
  - C. 40,000
  - D. 20,000
9. On a quiz, a student answered 16 questions correctly. This was 80% of the questions on the quiz. How many questions were on the quiz?
- A. 18
  - B. 20
  - C. 24
  - D. 38

10. A lamp has a height of 28 inches. **About** how many centimeters tall is the lamp? (One inch is approximately 2.5 centimeters.)
- A 11 centimeters
  - B 20 centimeters
  - C 52 centimeters
  - D 70 centimeters
11. A road is 20 miles long. If one mile is about 1.6 kilometers, **about** how many kilometers is the road?
- A 13
  - B 18
  - C 22
  - D 32
12. A town in Alaska had 326 inches of snow last year. How many centimeters of snow fell on the town last year? (One inch is approximately 2.5 centimeters.)
- A 130 centimeters
  - B 323 centimeters
  - C 652 centimeters
  - D 815 centimeters