



# Test Prep

## PSAT

**Preliminary Scholastic Aptitude Test: Math, Reading**

**QUESTION & ANSWERS**

**Sections**

1. Math
2. Reading

## Exam A

### QUESTION 1

If Lynn can type a page in  $p$  minutes, what piece of the page can she do in 5 minutes?

- A.  $5/p$
- B.  $p - 5$
- C.  $p + 5$
- D.  $p/5$
- E.  $1 - p + 5$

**Correct Answer:** A

**Section:** Math

**Explanation**

**Explanation/Reference:**

### QUESTION 2

If Sally can paint a house in 4 hours, and John can paint the same house in 6 hour, how long will it take for both of them to paint the house together?

- A. 2 hours and 24 minutes
- B. 3 hours and 12 minutes
- C. 3 hours and 44 minutes
- D. 4 hours and 10 minutes
- E. 4 hours and 33 minutes

**Correct Answer:** A

**Section:** Math

**Explanation**

**Explanation/Reference:**

### QUESTION 3

Employees of a discount appliance store receive an additional 20% off of the lowest price on an item. If an employee purchases a dishwasher during a 15% off sale, how much will he pay if the dishwasher originally cost \$450?

- A. \$280.90
- B. \$287
- C. \$292.50
- D. \$306
- E. \$333.89

**Correct Answer:** D

**Section:** Math

**Explanation**

**Explanation/Reference:**

### QUESTION 4

The sales price of a car is \$12,590, which is 20% off the original price. What is the original price?

- A. \$14,310.40
- B. \$14,990.90
- C. \$15,290.70
- D. \$15,737.50
- E. \$16,935.80

**Correct Answer:** D

**Section:** Math

**Explanation**

**Explanation/Reference:**

**QUESTION 5**

Solve the following equation for A:

$$2A/3 = 8 + 4A$$

- A. -2.4
- B. 2.4
- C. 1.3
- D. -1.3
- E. 0

**Correct Answer:** A

**Section:** Math

**Explanation**

**Explanation/Reference:**

**QUESTION 6**

If Leah is 6 years older than Sue, and John is 5 years older than Leah, and the total of their ages is 41. Then how old is Sue?

- A. 8
- B. 10
- C. 14
- D. 19
- E. 21

**Correct Answer:** A

**Section:** Math

**Explanation**

**Explanation/Reference:**

**QUESTION 7**

Alfred wants to invest \$4,000 at 6% simple interest rate for 5 years. How much interest will he receive?

- A. \$240
- B. \$480
- C. \$720