

PRAXIS-MATHEMATICS-SECTION^{Q&As}

Pre-Professional Skills Test (PPST) - Mathematics Section

Pass Test Prep PRAXIS-MATHEMATICS-SECTION Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.certbus.com/praxis-mathematics-section.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Test Prep
Official Exam Center

- ⚙️ **Instant Download** After Purchase
- ⚙️ **100% Money Back** Guarantee
- ⚙️ **365 Days** Free Update
- ⚙️ **800,000+** Satisfied Customers



QUESTION 1

A number is multiplied by 6 and then has 4 subtracted from it. The answer is 14. Which of the following equations matches these statements?

- A. $14 = 4 - 6x$
- B. $4x - 6 = 14$
- C. $6x - 4 = 14$
- D. $6(x - 4) = 14$
- E. $-6x = -14$

Correct Answer: C

Explanation: In this equation, the order of operations will dictate that the multiplication takes place before the subtraction.

QUESTION 2

If a recipe for cookies calls for $\frac{3}{4}$ of a cup of sugar, and you want to quadruple the recipe, how many cups of sugar will you need?

- A. 3 cups
- B. 4 cups
- C. $2\frac{3}{4}$ cups
- D. $3\frac{1}{2}$ cups
- E. $3\frac{3}{4}$ cups

Correct Answer: A

Explanation: The fraction $\frac{3}{4}$ is equivalent to the decimal 0.75. Multiply this decimal by 4.

QUESTION 3

$8.26 \times 76.8 =$

- A. 6343.68
- B. 63.4368
- C. 634.368
- D. 634,368

E. 6.34368

Correct Answer: C

Explanation: Remember that since the terms of the problem have three units to the right of the decimal point, the answer will as well.

QUESTION 4

$$\frac{3}{8} + \frac{1}{3} + \frac{1}{8} =$$

A. $\frac{5}{6}$

B. $\frac{3}{4}$

C. $\frac{1}{2}$

D. $\frac{3}{5}$

E. $\frac{2}{5}$

Correct Answer: A

Explanation: Convert the fractions so that they have a common denominator of 24.

QUESTION 5

$$\text{Solve for } x: (7x/5) + 9 = 23$$

A. 10

B. 9

C. 11

D. 7

E. 8

Correct Answer: A

Explanation: In order to find x, you must subtract 9 from 23, then multiply the difference by 5, and finally divide the product by 7.

QUESTION 6

Albert is driving at 80 miles per hour. How far will he go in 45 minutes?

A. 60 miles

B. 45 miles

- C. 80 miles
- D. 180 miles
- E. 90 miles

Correct Answer: A

Explanation: 45 minutes is three-quarters of an hour, which can be rewritten as the decimal 0.75. Multiply this decimal by his speed.

QUESTION 7

If $5x + 7 = 8x - 2$, then

- A. $x = 5$
- B. $x = 3$
- C. $x = 4$
- D. $x = 2$
- E. $x = 1$

Correct Answer: B

Explanation: Solve the equation for x by subtracting $5x$ from both sides, adding 2 to both sides, and then dividing both sides by 3.

QUESTION 8

$17/68 =$

- A. 30%
- B. $1/3$
- C. 45%
- D. $1/4$
- E. $2/5$

Correct Answer: D

Explanation: The simplest form of this fraction can be found by dividing both sides by 17.

QUESTION 9

A T-shirt that was selling for \$24 has had its price reduced by 15%. How much does it cost now?

- A. \$20.75
- B. \$20.40
- C. \$20
- D. \$21
- E. \$21.50

Correct Answer: B

Explanation: Multiply the original price by 0.15, and then subtract this amount from the original price.

QUESTION 10

What percent of 38 is 16?

- A. 16%
- B. 40%
- C. 35%
- D. 38%
- E. 42%

Correct Answer: E

Explanation: Divide 16 by 38 and multiply by 100.

QUESTION 11

The five starters on a basketball team each scored at least 5 points and no more than 17 points in a basketball game. Which of the following values is a reasonable estimate of the average score of each player?

- A. 6
- B. 17
- C. 20
- D. 22
- E. 12

Correct Answer: E

Explanation: It is reasonable to assume that the average score will be close to the middle of the range.

QUESTION 12

Don gets paid \$9 an hour, but if he works more than 30 hours in a week his rate of pay is increased by $\frac{1}{2}$. How much would Don get paid for a 38-hour work week?

- A. \$342
- B. \$390
- C. \$367
- D. \$378
- E. \$365

Correct Answer: D

Explanation: The problem can be solved with the following expression: $30 (9) + 8 (9 \times 1.5)$

QUESTION 13

Solve and simplify: $\frac{2}{3} \times \frac{3}{5} \times \frac{5}{10} \times \frac{6}{8} =$

- A. 0.2
- B. 0.5
- C. 0.15
- D. 0.25
- E. 0.33333333

Correct Answer: C

Explanation: Fractions are multiplied by multiplying numerators by numerators and denominators by denominators. Some of the fractions in this problem can be simplified.

QUESTION 14

If Edgar eats $8 \frac{2}{3}$ doughnuts in a week and Ellen eats $4 \frac{1}{2}$ doughnuts in a week, how many more doughnuts will Edgar have eaten?

- A. $3 \frac{1}{5}$
- B. $4 \frac{1}{6}$
- C. $4 \frac{1}{2}$
- D. 4
- E. $4 \frac{3}{4}$

Correct Answer: B

Explanation: Convert the fractions to the lowest common denominator, sixths, before you subtract.

QUESTION 15

Randy got the following test scores in science class: 76, 98, 78, 80, and 54. What is the median test score?

- A. 77
- B. 98
- C. 54
- D. 84
- E. 78

Correct Answer: E

Explanation: The median is the piece of data that is in the middle position when the entire set is placed in order from least to greatest.

[Latest PRAXIS-MATHEMATICS-SECTION Dumps](#)

[PRAXIS-MATHEMATICS-SECTION Practice Test](#)

[PRAXIS-MATHEMATICS-SECTION Exam Questions](#)