

# Pert Math Practice Test Free

## Sample PERT Math Practice Test

**DIRECTIONS:** Select the correct answer choice for each question below. Upon completion, check the answer key and use the PERT Math Level Guide to find your possible score on the PERT math test. To achieve a high (level III) PERT math test score we highly recommend using the complete, crystal-clear [PERT math practice PLUS](#) guide.

**Note:** Do not use a calculator. Calculators cannot be used on most questions on the math section of the PERT test. This 30% sample represents precise PERT math questions selected from main topics on the PERT test.

<b>1. Topic: Order of Operations</b>  Simplify: $18 - 8 + 2(1 - 6)^2 - 16$  a. -41                      b. -11  c. 106                     d. -90	<b>2. Topic: Solving Equations</b>  Solve for $x$ : $\frac{5}{3}(x - 2) - 1 = \frac{2}{3}$  a. -10                      b. 3  c. 4                         d. -6
<b>3. Topic: Solving Inequalities</b>  Solve the inequality $6 - 3y \geq -12$ .  a. $y \geq 6$ b. $y \leq 6$  c. $y \geq -6$ d. $y \leq -6$	<b>4. Topic: Solving Word Problem Situations</b>  A 20-ft piece of board is cut into two pieces such that the second piece is 2 feet more than twice the first piece; find the length of the second piece.  a. 14 feet                      b. 9 feet  c. 6 feet                        d. 2 feet
<b>5. Topic: Simplifying Algebraic Expressions</b>  Simplify: $4(2x - 3) - 6x + 17$  a. $2x + 14$ b. $-6x + 13$  c. $2x + 5$ d. $14x + 29$	<b>6. Topic: Exponent Rules</b>  Simplify $(4x^3y)(-6x^{-1}y^3)$  a. $-10x^2y^3$ b. $-24x^{-1}y^3$  c. $-\frac{24y^3}{x^2}$ d. $-2x^3y^3$
<b>7. Topic: Operations with Polynomials</b>  Multiply: $(3n - 5)^2$  a. $9n^2 + 25$ b. $9n^2 - 25$  c. $9n^2 - 30n + 25$ d. $6n^2 - 15n + 10$	<b>8. Topic: Factoring Polynomials</b>  What is one factor of the trinomial: $4x^2 - 5x - 6$  a. $4x - 3$ b. $x - 6$  c. $2x + 3$ d. $x - 2$
<b>9. Topic: Solving Quadratic Equations</b>  Solve $y^2 + 5y - 6$  a. $y = 1$ or $-6$ b. $y = 2$ or $3$  c. $y = -2$ or $3$ d. $y = -1$ or $6$	<b>10. Topic: Finding Intercepts of a Line</b>  Find the $y$ -intercept for the graph: $5x - 2y = -10$  a. $(0, -5)$ b. $(-2, 0)$  c. $(0, 5)$ d. $(-10, 0)$

Pert Test Readiness - [www.theperttest.com](http://www.theperttest.com)

**Pert math practice test free** resources are valuable tools for students preparing for the Postsecondary Education Readiness Test (PERT), which is designed to assess the mathematical skills required for success in college-level courses. This article will explore the significance of the PERT, the benefits of practicing with free math tests, and how to effectively utilize these resources to enhance your preparation.

## Understanding the PERT

The Postsecondary Education Readiness Test (PERT) is an assessment tool used primarily in Florida's public college and university systems. It measures a student's readiness for college-level courses in

mathematics, reading, and writing. The math portion of the PERT evaluates skills in various areas, including:

- Arithmetic
- Algebra
- Geometry
- Statistics

The PERT consists of multiple-choice questions, and it is designed to be adaptive, meaning the difficulty of the questions adjusts based on the test-taker's responses. The scores from the PERT help institutions determine the appropriate level of courses for students and whether they need remedial instruction.

## **The Importance of Practicing with Free Math Tests**

Preparing for the PERT can be a daunting task, particularly for students who may have been out of school for some time. Utilizing free math practice tests can significantly enhance preparation efforts for several reasons:

### **1. Familiarization with Test Format**

One of the most significant advantages of practicing with free PERT math tests is that it allows students to become familiar with the test format. Understanding how questions are structured can help alleviate anxiety on test day.

### **2. Identifying Strengths and Weaknesses**

Taking practice tests can help students identify which areas they excel in and which require more attention. This self-assessment is crucial for effective study planning.

### 3. Building Confidence

Regular practice can help build confidence. Students who are well-prepared are more likely to approach the test with a positive mindset, which can lead to better performance.

### 4. Time Management Skills

The PERT is timed, so practicing with free tests helps students develop effective time management skills. They can learn to pace themselves, ensuring they have enough time to answer all questions.

## Where to Find Free PERT Math Practice Tests

There are numerous resources available online where students can access free PERT math practice tests. Here are some recommended platforms:

1. **Official State Resources:** The Florida Department of Education provides sample questions and practice tests that reflect the actual PERT format.
2. **Educational Websites:** Websites such as Khan Academy and Study.com offer practice questions and instructional materials tailored to the PERT.
3. **Community Colleges:** Many community colleges in Florida provide free resources, including practice tests, study guides, and workshops for prospective students.
4. **Mobile Apps:** There are several mobile applications designed for PERT preparation that offer free practice questions and diagnostic tests.

## How to Make the Most of Free PERT Math Practice Tests

To maximize the benefits of practicing with free PERT math tests, students should adopt a strategic approach. Here are some effective study tips:

## 1. Create a Study Schedule

Establishing a study schedule can help students stay organized and ensure that they cover all relevant topics before the test. A consistent study routine allows for gradual learning and retention of information.

## 2. Take Full-Length Practice Tests

Instead of just answering individual questions, students should take full-length practice tests under timed conditions. This practice simulates the actual testing experience and helps build endurance.

## 3. Review Mistakes Thoroughly

After completing a practice test, it's essential to review all mistakes. Understanding why an answer was incorrect allows students to learn from their errors and avoid repeating them in the future.

## 4. Utilize Additional Study Resources

In addition to practice tests, students should consider using supplementary study materials such as textbooks, online courses, and tutoring services. These resources can provide deeper insights into challenging concepts.

## 5. Join Study Groups

Collaborating with peers in study groups can be helpful. Students can share resources, explain concepts to one another, and provide motivation and support throughout the preparation process.

## Common Topics Covered in PERT Math Practice Tests

The PERT math section covers a range of topics, and understanding these can help students focus their studying effectively. Some of the common areas include:

- **Arithmetic:** Basic operations, fractions, decimals, percentages, and ratios.

- **Algebra:** Solving equations, inequalities, functions, and interpreting algebraic expressions.
- **Geometry:** Understanding properties of shapes, angles, area, and volume.
- **Statistics:** Concepts related to data interpretation, mean, median, mode, and basic probability.

## Final Thoughts on PERT Math Practice Tests

Preparing for the PERT can be a challenging but rewarding experience. By using free math practice tests effectively, students can enhance their understanding of mathematical concepts and improve their performance on the actual exam.

Remember, the key to success lies in consistent practice, thorough review, and a positive mindset. With the right resources and preparation strategies, students can approach the PERT with confidence, ensuring they are well-equipped for the challenges of college-level coursework.

## Frequently Asked Questions

### What is a PERT math practice test?

A PERT (Postsecondary Education Readiness Test) math practice test assesses a student's math skills and readiness for college-level courses.

### Where can I find free PERT math practice tests?

Free PERT math practice tests can be found on educational websites, community college websites, and various online resources dedicated to test preparation.

### What topics are covered in the PERT math practice test?

The PERT math practice test typically covers topics such as arithmetic, algebra, geometry, and data analysis.

### How can I prepare for the PERT math test using practice tests?

To prepare, take practice tests to familiarize yourself with the test format, identify weak areas, and focus your study efforts on those topics.



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