Condensed Review

The following eight questions provide a brief review and basic idea of the test, but should not replace more thorough preparation. If you have more time, use the other sample tests (with more complete preparation materials) on the areas you need to practice most.

Sample Questions for Reading Comprehension

Question 1 (Narrative Question)

Read the statement or passage, and then choose the best answer to the question based on what is stated or implied.

Myths are stories, the products of fertile imagination, sometimes simple, often containing profound truths. They are not meant to be taken too literally. Details may sometimes appear childish, but most myths express a culture's most serious beliefs about human beings, eternity, and God.

The main idea of this passage is that myths

a. are created primarily to entertain young children  
b. are purposely written for the reader who lacks imagination  
c. provide the reader with a means of escape from reality  
d. illustrate the values that are considered important to a society

Question 2 (Sentence Relationship Question)

Two sentences are followed by a question or statement. Read the sentences and choose the best answer or completion.

The Midwest is experiencing its worst drought in 15 years. Corn and soybean prices are expected to be very high this year.

What does the second sentence do?

a. it restates the idea found in the first  
b. it states an effect  
c. it gives an example  
d. it analyzes the statement made in the first
Sample Questions for Sentence Skills

Question 1 (Sentence Correction Question)

Select the best version of the bold part of the sentence. The first choice is the same as the original sentence. If you think the original sentence is best, choose the first answer.

Ms. Rose planning to teach a course in biology next summer.

a. planning  
b. are planning  
c. with a plan  
d. plans

Question 2 (Construct Shift Question)

Rewrite the sentence in your head, following the directions given below. Keep in mind that your new sentence should be well written and should have essentially the same meaning as the sentence given you.

Being a female jockey, she was often interviewed.

Rewrite, beginning with: She was often interviewed ...

The next words will be

a. on account of she was  
b. by her being  
c. because she was  
d. being as she was

Sample Questions for Arithmetic Skills

Question 1

All of the following are ways to write 20 percent of N, EXCEPT

a. 0.20 N  
b. 20/100 N  
c. 1/5 N  
d. 20 N
Question 2

Which of the following is closest to $\sqrt{10.5}$?

a. 3  
b. 4  
c. 5  
d. 8

Question 3

Three people who work full time are to work together on a project, but their total time on the project is to be equivalent to that of only one person working full time. If one of the people is budgeted for one-half of his time to the project and a second person for one-third of her time, what part of the third worker's time should be budgeted to his project?

a. 1/3  
b. 1/4  
c. 1/6  
d. 1/8

Sample Questions for Elementary Algebra Skills

Question 1

If a number is divided by 4 and then 3 is subtracted, the result is 0. What is that number?

a. 12  
b. 4  
c. 3  
d. 2

Question 2

$16x - 8 =$

a. 8x  
b. 8(2x - x)  
c. 8(2x - 1)  
d. 8(2x - 8)
Question 3

If \( x^2 - x - 6 = 0 \), then \( x \) is

a. -2 or 3  
b. -1 or 6  
c. 1 or -6  
d. 2 or -3

Sample Questions for College-Level Math Skills

Question 1

If \( f(x) = x^4 - x + 2 \), then \( f(-x) = \)

a. \( x^4 - x \)  
b. \( x^4 + x \)  
c. \( x^4 - x + 2 \)  
d. \( x^4 + x + 2 \)  
e. \( x^4 + x - 2 \)

Question 2

The equation \( x^2 + 2ix - 4 = 0 \) has as its root

a. \( \sqrt{5} - 1, -\sqrt{5} - 1 \)  
b. \( \sqrt{5} - i, \sqrt{5} + i \)  
c. \( \sqrt{3} - i, -\sqrt{3} + i \)  
d. \( \sqrt{3} - i, \sqrt{3} + i \)  
e. \( \sqrt{3} - 1, -\sqrt{3} - i \)

Question 3

In triangle ABC, \( a = 12 \), \( b = 16 \), and \( \sin B = 2/3 \). What is the measure of angle A in degrees?

a. 45  
b. 30  
c. 60  
d. 90  
e. 120
Answers to Sample Questions

Reading Comprehension
1. d
2. b

Sentence Skills
1. d
2. c

Arithmetic
1. d
2. a
3. c

Elementary Algebra
1. a
2. c
3. a

College-Level Math
1. d
2. e
3. b