

DIAGNOSTIC TEST 1: MULTIPLE CHOICE ANSWER KEY

Let’s take a look at how you did on Diagnostic Test 1. Follow the three-step process in the answer key below and go read the explanations for any questions you got wrong or you struggled with but got correct. Once you finish working through the answer key and the explanations, go to chapter 8 to make your study plan.

STEP 1

Check your answers and mark any correct answers with a ✓ in the appropriate column.

| Arithmetic | | | | | | | | | |
|------------|------|---|---------|---------------------------------------|-----|------|---|---------|--|
| Q # | Ans. | ✓ | Chap. # | Section | Q # | Ans. | ✓ | Chap. # | Section |
| 1 | E | | 9 | Zero | 7 | C | | 18 | More Ways to Plug In |
| 2 | D | | 14 | Not Exactly Algebra: Basic Principles | 8 | A | | 12 | Fractions |
| 3 | C | | 18 | Plugging In on Yes/No Questions | 9 | D | | 12 | Percentages |
| 4 | C | | 12 | Radicals | 10 | B | | 14 | Plugging in The Answers (PITA) |
| 5 | D | | 5 | Averages | 11 | E | | 17 | Greatest Common Factors |
| 6 | D | | 15 | Permutations and Computations | | | | | |
| Geometry | | | | | | | | | |
| 1 | B | | 16 | Circles | 6 | B | | 16 | Rectangles, Squares, and Other Four-Side Objects |
| 2 | E | | 16 | 3D Figures | 7 | B | | 16 | 3D Figures |
| 3 | A | | 16 | Angles and Lengths | 8 | D | | 16 | Triangles |
| 4 | C | | 18 | Data Sufficiency and Geometry | 9 | C | | 16 | Plugging In on Geometry |
| 5 | C | | 18 | Data Sufficiency and Geometry | | | | | |
| Algebra | | | | | | | | | |
| 1 | E | | 13 | Solving Equalities | 5 | D | | 18 | Plugging In on Yes/No Questions |
| 2 | C | | 17 | Factorization | 6 | C | | 18 | Plugging In on Yes/No Questions |
| 3 | E | | 18 | Plugging In on Yes/No Questions | 7 | E | | 13 | Solving Equalities |
| 4 | B | | 13 | Quadratic Equations | 8 | B | | 12 | Radicals |

STEP 2

Add the total number of correct answers for each test section. Then, divide the number correct by the number of total questions to get your percent correct.

| Test Section | Number Correct | Total Questions | Percent Correct |
|--------------|----------------|-----------------|-----------------|
| Arithmetic | | 11 | |
| Geometry | | 9 | |
| Algebra | | 8 | |

$$\frac{\begin{array}{|c|} \hline \# \text{ CORRECT ANSWERS} \\ \hline \end{array}}{\begin{array}{|c|} \hline \# \text{ TOTAL QUESTIONS} \\ \hline \end{array}} = \begin{array}{|c|} \hline \text{PERCENT CORRECT} \\ \hline \end{array} \%$$

STEP 3

Use the results above to customize your study plan. You may want to start with, or give more attention to, the chapters with the lowest percents correct.

STEP 1 

Check your answers and mark any correct answers with a ✓ in the appropriate column.

| Sentence Correction | | | | | | | | | |
|---------------------|------|---|---------|------------------------|-----|------|---|---------|-----------------------|
| Q # | Ans. | ✓ | Chap. # | Section | Q # | Ans. | ✓ | Chap. # | Section |
| 1 | E | | 21 | Pronoun Error | 7 | E | | 21 | Parallel Construction |
| 2 | C | | 21 | Misplaced Modifier | 8 | B | | 21 | Misplaced Modifier |
| 3 | B | | 21 | Subject-Verb Agreement | 9 | A | | 21 | Idiom |
| 4 | D | | 21 | Subject-Verb Agreement | 10 | B | | 21 | Idiom |
| 5 | C | | 21 | Subject-Verb Agreement | 11 | A | | 21 | Misplaced Modifier |
| 6 | C | | 21 | Comparison | | | | | |

| Reading Comprehension | | | | | | | | | |
|-----------------------|------|---|---------|------------------|-----|------|---|---------|-----------|
| Q # | Ans. | ✓ | Chap. # | Section | Q # | Ans. | ✓ | Chap. # | Section |
| 1 | C | | 22 | Primary Purpose | 6 | A | | 22 | Retrieval |
| 2 | C | | 22 | Specific Purpose | 7 | B | | 22 | Structure |
| 3 | E | | 22 | Retrieval | 8 | B | | 22 | Retrieval |
| 4 | B | | 22 | Specific Purpose | 9 | A | | 22 | Inference |
| 5 | A | | 22 | Inference | 10 | E | | 22 | Retrieval |

| Critical Reasoning | | | | | | | | | |
|--------------------|------|---|---------|---------------------------|-----|------|---|---------|----------------------------------|
| Q # | Ans. | ✓ | Chap. # | Section | Q # | Ans. | ✓ | Chap. # | Section |
| 1 | A | | 23 | Weaken Questions | 6 | E | | 23 | Resolve/Explain Questions |
| 2 | A | | 23 | Resolve/Explain Questions | 7 | E | | 23 | Identify the Reasoning Questions |
| 3 | A | | 23 | Weaken Questions | 8 | E | | 23 | Strengthen Questions |
| 4 | B | | 23 | Strengthen Questions | 9 | D | | 23 | Evaluate Questions |
| 5 | E | | 23 | Weaken Questions | 10 | D | | 23 | Strengthen Questions |

STEP 2 

Add the total number of correct answers for each test section. Then, divide the number correct by the number of total questions to get your percent correct.

| Test Section | Number Correct | Total Questions | Percent Correct |
|-----------------------|----------------|-----------------|-----------------|
| Sentence Correction | | 11 | |
| Reading Comprehension | | 10 | |
| Critical Reasoning | | 10 | |

$$\frac{\begin{array}{|c|} \hline \text{\# CORRECT ANSWERS} \\ \hline \end{array}}{\begin{array}{|c|} \hline \text{\# TOTAL QUESTIONS} \\ \hline \end{array}} = \begin{array}{|c|} \hline \text{\%} \\ \hline \end{array} \text{PERCENT CORRECT}$$

STEP 3 

Use the results above to customize your study plan. You may want to start with, or give more attention to, the chapters with the lowest percents correct.