

This practice test is designed to introduce your student to the mechanics of taking the CAT/5 Grade 10 test when ordered through FLO, and to give your student an idea of the kinds of questions the test will contain. The practice test can be given a day or two in advance of the actual testing. It is not timed.

Answer Sheet for Student

The answer sheet is where your student will mark an answer for each question. Use a #2 pencil. The bubbles on the answer sheet should be filled in completely. Place the answer sheet alongside the Practice Test and remind the student to mark only on the answer sheet.

Practice Test for Student

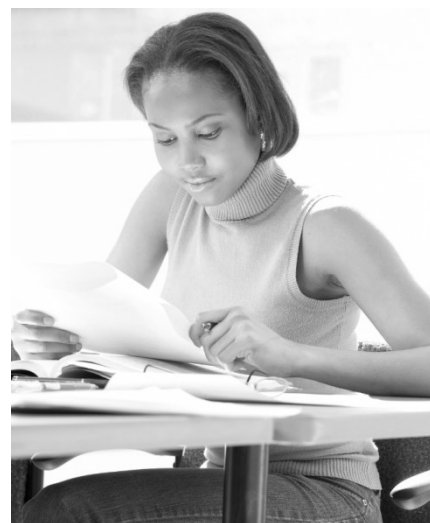
The CAT/5 Grade 10 Practice Test includes questions for Vocabulary, Comprehension, Spelling, Language Mechanics, Language Expression, Mathematics Computation, Mathematics Concepts & Applications, Study Skills, Science, and Social Studies. Print and staple these pages together. Place alongside the answer sheet opposite of the student's dominant writing hand when taking the practice test.

Answer Key

When finished, compare the student's answers with the answer key and go over questions that were marked wrong. Ask the student if they feel comfortable with the test taking process. If more practice is needed (for example, the student keeps marking the answers on the practice test and not the answer sheet), print out the practice test and answer sheet pages again and retake.

"The secret of good teaching is to regard the child's intelligence as a fertile field in which seeds may be sown to grow under the heat of flaming imagination."

DR MARIA MONTESSORI



TEST TAKING TIPS FOR THE STUDENT

1. **Relax.** It's natural to get nervous about tests. Just do your best and try not to worry. You got this!
2. **Listen and read carefully.** Listen carefully when directions are being read to you. Read all the directions carefully on the test. Ask your proctor to explain any directions you don't understand.
3. **Plan your time.** While this practice test is not timed, the actual test is. Listen to the amount of time given for a test section and use that time well. Answer the questions you are sure of first, and be careful to not take too long on any one question.
4. **Think.** It's okay to not know an answer to a question right away. Take some time to think. Rule out answer choices that you know are wrong and choose from the ones that are left.
5. **Stay positive.** Some questions will be hard to answer and others will be easy. Just do your best!



Vocabulary

- 1 (A) (B) (C) (D)
- 2 (F) (G) (H) (J)
- 3 (A) (B) (C) (D)
- 4 (F) (G) (H) (J)

Comprehension

- 1 (A) (B) (C) (D)
- 2 (F) (G) (H) (J)
- 3 (A) (B) (C) (D)

Spelling

- 1 (A) (B) (C) (D)
- 2 (F) (G) (H) (J)
- 3 (A) (B) (C) (D)

Language Mechanics

- 1 (A) (B) (C) (D)
- 2 (F) (G) (H) (J)
- 3 (A) (B) (C) (D)
- 4 (F) (G) (H) (J)
- 5 (A) (B) (C) (D)
- 6 (F) (G) (H) (J)

Language Expression

- 1 (A) (B) (C) (D)
- 2 (F) (G) (H) (J)
- 3 (A) (B) (C) (D)
- 4 (F) (G) (H) (J)
- 5 (A) (B) (C) (D)

Mathematics Computation

- 1 (A) (B) (C) (D) (E)
- 2 (F) (G) (H) (J) (K)
- 3 (A) (B) (C) (D) (E)
- 4 (F) (G) (H) (J) (K)
- 5 (A) (B) (C) (D) (E)
- 6 (F) (G) (H) (J) (K)

Mathematics Concepts & Applications

- 1 (A) (B) (C) (D)
- 2 (F) (G) (H) (J)
- 3 (A) (B) (C) (D)
- 4 (F) (G) (H) (J)
- 5 (A) (B) (C) (D)
- 6 (F) (G) (H) (J)

Study Skills

- 1 (A) (B) (C) (D)
- 2 (F) (G) (H) (J)
- 3 (A) (B) (C) (D)

Science

- 1 (A) (B) (C) (D)
- 2 (F) (G) (H) (J)
- 3 (A) (B) (C) (D)

Social Studies

- 1 (A) (B) (C) (D)
- 2 (F) (G) (H) (J)
- 3 (A) (B) (C) (D)

Vocabulary

For Number 1, choose the word that means the same or about the same as the underlined word.

1. new criteria
- A standard
 - B decision
 - C depth
 - D probability

For Number 2, choose the word that means the opposite of the underlined word.

2. slowly compressed
- F compacted
 - G enlarged
 - H complete
 - J dissect

For Number 3, look at the meaning given for the original word. Then decide which modern word comes out of the original word. The meaning of the original word and the modern word are related.

3. Which of these words probably comes from the Latin word, *grat* that means *to please*?
- A grating
 - B granted
 - C gratify
 - D gratis

For Number 4, read the sentences. Then choose the word that correctly completes both sentences.

4. The _____ made it difficult to hear the person on the phone.
Currently the market is in a _____ state, and has not changed.
- F crackling
 - G stagnant
 - H steady
 - J static

Comprehension

Read the following excerpt. Then do Numbers 1 through 3.

Best known as the creator of *The Twilight Zone* series, Rod Serling was instrumental in paving the way for future generations of television executives. As a writer and producer, he openly challenged the accepted way of doing business in the television industry at that time. Serling was convinced that those in power had an obligation to use the medium for more than mere entertainment. He believed moral messages and lessons could – and should – be presented in a way that allowed ordinary citizens to relate to the principle involved.

Episodes from his Emmy-winning series are still shown in syndication almost half a century after first hitting the airways. Aside from those who enjoyed the program in the 1960's, the generation that followed continues to be enthralled and excited by one man's innovative thinking.

- | | |
|---|---|
| <p>1. According to the passage, Rod Serling is best known as the creator of what?</p> <p>A Outer Limits
B Dark Shadows
C Twilight Zone
D Planet of the Apes</p> <p>2. The article states that Serling was one of the first to use TV to present what concept?</p> <p>F fantasy
G science fiction
H drama
J moral issues</p> | <p>3. According to the piece, Serling's TV series was originally popular in what decade?</p> <p>A 1960's
B 1970's
C 1980's
D 1990's</p> |
|---|---|

Spelling

For Numbers 1 and 2, choose the word that is spelled correctly and best completes the sentence.

- | | |
|---|---|
| <p>1. The sidewalk had begun to _____.</p> <p>A disintagrate
B desentagrate
C disentigrate
D disintegrate</p> | <p>2. Staring at the blank canvas, the artist could _____ the portrait.</p> <p>F visualize
G visaelize
H visualise
J visulise</p> |
|---|---|

3. Read the phrases. Three of the underlined words are spelled correctly. Find the phrase containing an underlined word that is not spelled correctly.

A mystical behavior
 B ravenous appetite
 C inevitable events
 D illogical behavior

Language Mechanics

For Number 1, choose the sentence that is written correctly and shows the correct capitalization and punctuation.

1. A “what time is it, she asked?
 B “The clock is not working” don said.
 C He said, “The show starts at five.”
 D “What happened to the clock? she asked.

For Number 2, look at the underlined part of the sentence. Choose the answer that shows the best capitalization and punctuation for that part.

2. Before going to the store; she checked her list one last time.
 F store: she
 G store, she
 H store. She
 J Correct as it is

For Numbers 3 through 6, read the letter and look at the numbered, underlined parts. Choose the answer that shows the best capitalization and punctuation for each part.

<p style="text-align: right;">March 10, 2018</p> <p>Expressions Imprinting</p> <p>(3) <u>1598 Ridgeway Avenue</u></p> <p>(4) <u>Pulaski NY 13142</u></p> <p>(5) <u>Dear sir or Madam:</u></p> <p style="padding-left: 40px;">I would like to request a sample of your imprinted mugs, pens, and key chains. Please send the materials to 755 15th Street, Spokane, WA 99208.</p> <p style="text-align: right;">(6) <u>Yours Truly:</u> Leslie Schmidt</p>	
--	--

3. A 1598 ridgeway Avenue
B 1598 Ridgeway avenue
C 1598 Ridgeway, Avenue
D Correct as it is
4. F pulaski, NY 13142
G Pulaski, NY 13142
H Pulaski Ny 13142
J Correct as it is
5. A Dear Sir or Madam,
B Dear Sir or Madam:
C Dear sir or madam:
D Correct as it is
6. F yours truly,
G Yours Truly;
H Yours truly,
J Correct as it is

Language Expression

For Number 1, choose the sentence that is complete and is written correctly.

1. A She is the most faster player.
B Is this the most biggest one they have?
C This is the more best game all year.
D He is the best player on the team.

For Number 2, choose the part of the sentence that is the simple subject.

2. Somewhere in the distance, the train's whistle could be heard.
F G H J

For Number 3, read the underlined sentences. Choose the sentence that best combines these sentences into one.

3. The dog was in the park.
The dog raced after the ball.
A The dog was in the park, consequently the dog raced after the ball.
B The dog was in the park, which the dog raced after the ball.
C After the dog was in the park, the dog raced after the ball.
D The dog raced after the ball in the park.

For Number 4, choose the topic sentence that best fits the paragraph.

4. _____ Olds is one of the forgotten masters of the early century. He is the man most credited with bringing mass-production to Detroit and largely establishing the auto industry. In 1901 Olds put in place much of what we recognize as the assembly line today - defined repetitive operations, fixed stations and parts delivered to the worker.
- F Although Henry Ford is credited with the creation of the first assembly line, the true credit belongs to Ransom Olds.
 - G Henry Ford started the Ford Motor Company and was the first person to put into motion a moving assembly line.
 - H Olds grew up as the son of a blacksmith in Ohio.
 - J By 1901 Olds had built 11 prototype vehicles, including at least one of each power mode: steam, electricity, and gasoline.

For Number 5, read the paragraph. Choose the sentence that does not belong in the paragraph.

5. **1)** Although Ransom Olds is the one who officially started the mass-production of vehicles using an assembly line, Henry Ford was the first person to put into motion a moving assembly line. **2)** Inspired by the continuous-flow production methods used by flour mills, breweries, canneries and industrial bakeries, Ford installed moving lines for bits and pieces of the manufacturing process. **3)** Automobiles were expensive in the early 1900s, and few people owned them. **4)** Ford developed rope-and-pulley powered conveyor belts for motors and transmissions and he added a mechanized belt that chugged along at a speed of 6 feet per minute. **5)** These methods helped to accelerate production.
- A Sentence 1
 - B Sentence 3
 - C Sentence 4
 - D Sentence 5

Mathematics Computation

This section is about working math problems. You may use scratch paper to solve the problems. Calculators should NOT be used for this section.

1. $9^2 - 4^3 =$
- A -17
 - B 17
 - C 9
 - D 23
 - E None of these

2.

$$6.82 \div 6.2 =$$

- F .00101
- G .0011
- H 1.01
- J 1.1
- K None of these

3.

$$54 - (70 \div 2) + 4^2 =$$

- A 8
- B -8
- C 35
- D -35
- E None of these

4.

What percent of
20 is 82?

- F 38.2%
- G 382%
- H 4.1%
- J 410%
- K None of these

5.

$$12\frac{1}{4} - 5\frac{6}{12} =$$

- A $6\frac{3}{4}$
- B $6\frac{1}{4}$
- C $7\frac{9}{12}$
- D $7\frac{3}{4}$
- E None of these

6.

$$5x(4x^2y^3 - 5y^2) =$$

- F $20x^3y^3 - 25xy^2$
- G $20x^2y^3 - 25y^2$
- H $4x^3y^3 - xy^2$
- J $-5x^3y^5$
- K None of these

Mathematics Concepts & Application

You may use scratch paper to solve these problems. Use of a calculator is permitted.

1. Which of these numbers has a square root that is not a whole number?
 - A 16
 - B 20
 - C 36
 - D 49

2. Which of these is another way to write 56,300,000?
 - F 563×10^6
 - G 563×10^7
 - H 5.63×10^6
 - J 5.63×10^7

3. Group discounted lift tickets were \$14 for those paying with cash and \$15 for those paying with a credit card. The total paid by the group was \$177.00. Three times as many people paid with a credit card as those who paid with cash. How many people paid with cash?
 - A 2 people
 - B 3 people
 - C 6 people
 - D 9 people

4. Three lengths of rope have a total length of 160 yards. One rope is three times the length of the shortest rope and the other rope is four times the length of the shortest rope. What is the length of the shortest rope?
 - F 16 yards
 - G 20 yards
 - H 40 yards
 - J 60 yards

This table shows the results of a survey at Low's Lake Highschool to determine the student's favorite colors. Study the table. Then do Numbers 5 and 6.

Favorite Color	Number
Red	9
Yellow	6
Green	11
Blue	24
Pink	18
Black	20

5. What is the ratio of students who like Blue to the students who like Pink?
 - A 1:3
 - B 2:3
 - C 3:4
 - D 4:3

6. If the students surveyed represent 16% of the number of students in the school, how many students attend the school?
 - F 550
 - G 650
 - H 850
 - J 880

Study Skills

Study this library catalog card. Then do Number 1.

LITTLE HOUSE IN THE BIG WOODS

635.5 **Wilder, Laura Ingalls**

W Life in the Wisconsin woods, with a girl and her family; illustrated by Garth Williams. –
HarperCollins: 2016 75 p. : ill. ; 10 cm

1. Little House in the Big woods. I. Williams,
Garth, ill. II. Title

1. Why is Garth Williams listed on the card?
 - A He is the author of the book.
 - B He owns HarperCollins.
 - C He is the main character.
 - D He is the illustrator of the book.

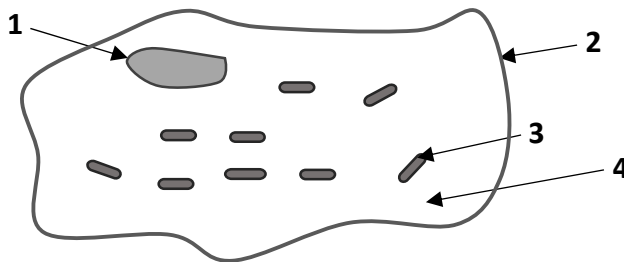
Study this poster. Then do Numbers 2 and 3.



2. When can you buy tickets?
 - F On Saturday, Dec. 7 at 9 p.m.
 - G On Saturday, Dec. 7 between 6-9 p.m.
 - H Right Away
 - J On Friday, Dec. 6 between 5-9 p.m.
3. How many previous appearances has the comedian made at KC's?
 - A one appearance
 - B two appearances
 - C three appearances
 - D four appearances

Science

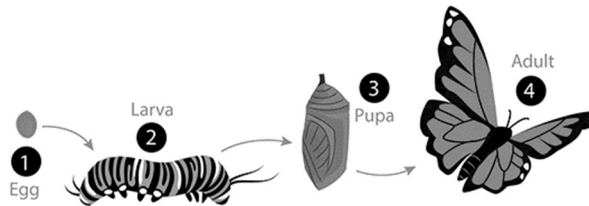
Study this diagram of a cell with some of its parts numbered. Then do Number 1.



1. Which of these describes one of the functions of part 4 of the cell?
 - A It gives the cell its shape.
 - B It supports and protects the cell.
 - C It directs the cell's activity.
 - D It turns nutrients into energy.

2. What is the primary function of a red blood cell?
 - F help fight infection
 - G help with clotting
 - H carry oxygen
 - J carry carbon dioxide to the heart

3. The diagram of the egg changing into a butterfly overtime is an example of what process?
 - A meiosis
 - B regeneration
 - C migration
 - D metamorphosis



Social Studies

Study the text of the 19th Amendment below and use it to answer Number 1.

Amendment XIX

The right of the citizens of the United States to vote shall not be denied or abridged by the United States or by any state on account of sex.

1. What did the above amendment do?
 - A abolished slavery
 - B granted the right to vote regardless of race, color, or previous condition of servitude
 - C prohibited the manufacturing, transportation, and sale of alcohol
 - D granted women the right to vote

2. What ocean did a majority of the immigrants to the U.S. in the 1600s have to cross?
 - F the Pacific Ocean
 - G the Atlantic Ocean
 - H the Arctic Ocean
 - J the Indian Ocean

3. Which of these situations would likely result in a trade surplus for a country?
 - A The country imports more in dollar amounts than it exports.
 - B The country lowers its tariffs on imported products.
 - C The country produces more of a product than it sells at home.
 - D The country exports more in dollar amounts than it imports.

Vocabulary

1 - A
2 - G
3 - C
4 - J

Comprehension

1 - C
2 - J
3 - A

Spelling

1 - D
2 - F
3 - C

Language Mechanics

1 - C
2 - G
3 - D
4 - G
5 - B
6 - H

Language Expression

1 - D
2 - J
3 - D
4 - F
5 - B

Mathematics Computation

1 - B
2 - J
3 - C
4 - J
5 - A
6 - F

Mathematics Concepts &
Applications

1 - B
2 - J
3 - B
4 - G
5 - D
6 - F

Study Skills

1 - D
2 - H
3 - B

Science

1 - A
2 - H
3 - D

Social Studies

1 - D
2 - G
3 - D