

This practice test is designed to introduce your student to the mechanics of taking the TerraNova 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

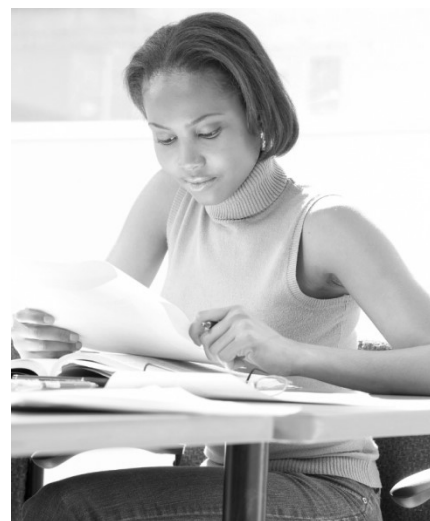
The TerraNova Grade 10 Practice Test includes questions for Reading and Language Arts, Mathematics, Science, Social Studies, Vocabulary, Language Mechanics, Spelling, and Mathematics Computation. Print and staple these pages together. Place alongside the answer sheet opposite of the student's dominant 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!



## Reading and Language Arts

- 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)
- 7 (A) (B) (C) (D)

## Mathematics

- 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)

## 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

- 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)

## Spelling

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

## Reading and Language Arts

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

Read this report on being a dentist and then do Numbers 4 through 6.

- 1) A dentist is a medical professional who handles the care of teeth, gums, and mouths. 2) As with most medical professions, a keen eye for detail is important. 3) It is also important to have in-depth medical understanding, and strong interpersonal skills. 4) Human teeth are made up of four different types of tissue - pulp, dentin, enamel, and cementum. 5) A large part of a dentist's job is educating patients on how to preserve a healthy mouth. 6) Dentists are also excellent preventative doctors, as they are always looking for swelling or bleeding along the gums and for tooth decay.

**4. Choose the best way to combine Sentences 2 and 3.**

- F** As with most medical professions, a keen eye for detail is important, it is also important to have in-depth medical understanding and strong interpersonal skills.
- G** A keen eye for detail is important in most medical professions, as well as an in-depth medical understanding and strong interpersonal skills.
- H** As with most medical professions, a keen eye for detail, in-depth medical understanding, and strong interpersonal skills are important.
- J** A keen eye for detail, as well as in-depth medical understanding and strong interpersonal skills are important skills for all medical professions.

**5. Which sentence does not belong in the paragraph?**

- A** Sentence 2
- B** Sentence 4
- C** Sentence 5
- D** Sentence 6

**6. Where would this sentence best fit in the above paragraph?**

It is especially important for them to teach children about the importance of dental care so that they have a life of good oral health.

- F** After Sentence 2
- G** After Sentence 3
- H** After Sentence 4
- J** After Sentence 5

**Read this paragraph, and then do Number 7.**

---

Undergraduate academic coursework includes anatomy, chemistry, physics, and biology. All aspiring dentists must complete four years at an American Dental Association accredited school and pass the individual exams administered by each state. For those who wish to teach, do dental research, or engage in a dental specialty, an additional two to five years of study is required.

**7. Which of these sentences would be the best choice for a topic sentence for the paragraph?**

- A** Dentists typically get to keep regular office hours, which increase the appeal for this line of work.
- B** Most dentists start their own practices, after apprenticing under an established practitioner for several years.
- C** Many banks are willing to finance a dentistry practice, as they are typically good investments.
- D** Becoming a dentist requires completion of a rigorous set of academic and professional requirements.

**Mathematics**

**You may use scratch paper to solve these problems. Use of a calculator is permitted. You will also need a ruler with inches and centimeters.**

- 1.** Which of these is closest to  $\sqrt{55}$ ?

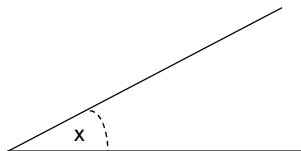
**A** 6.7  
**B** 7.0  
**C** 7.4  
**D** 7.5

- 2.** Evaluate  $5 + 3(x - 4)$  when  $x = 1$ .

**F** -2  
**G** -4  
**H** 0  
**J** 2

- 3.** The measure of angle  $x$  is?

**A** about  $10^\circ$   
**B** about  $20^\circ$   
**C** about  $30^\circ$   
**D** about  $40^\circ$



- 5.** Markus is making 4-inch blocks. He bought a 20-foot board. What is the greatest number of blocks he can make?

**A** 5  
**B** 12  
**C** 40  
**D** 60

- 6.** It takes about 4.5 hours to fly from Los Angeles to Hawaii at a distance of 2,479 miles. At the same rate, about how long would it take to fly 3,875 miles?

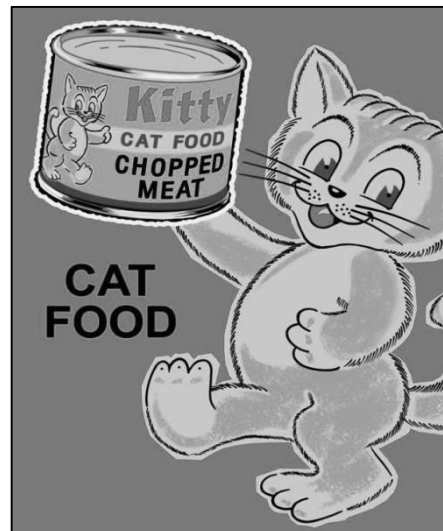
**F** 6 hours  
**G** 7 hours  
**H** 8 hours  
**J** 9 hours

**Use the inch side of your ruler to help you solve this problem.**

- 4.** Sally needs to find the area of the banner using the scaled down example. What is the area of the banner based on the scaled example?

**F** 60 ft.  
**G** 120 ft.  
**H** 168 ft.  
**J** 891 ft.

Scale:  $\frac{1}{2}$  in. = 6 ft.



**Science**

1. What part of the left side of the heart pumps blood to the body?  
**A** pulmonary vein  
**B** left atrium  
**C** left ventricle  
**D** pulmonary artery
2. What are the building blocks of rocks?  
**F** minerals  
**G** sand  
**H** pebbles  
**J** lava
3. Ashley and John decided to perform an experiment to see if one rotten apple would cause the apples around it to ripen faster. To test this theory, they placed one rotten apple in a box with 4 other apples. In another box they placed 4 apples. Each box was kept at the same temperature and humidity levels. What is the intention of the second box of apples in the experiment?  
**A** to form a hypothesis  
**B** to use as a control group  
**C** to eat later  
**D** to use as an observation

**Social Studies**

*And by Virtue hereof to enact, constitute, and frame, such just and equal Laws, Ordinances, Acts, Constitutions and Offices, from time to time, as shall be thought most meet and convenient for the General good of the Colony; unto which we promise all due submission and obedience.*

1. Which of these documents contains the excerpt shown above?  
**A** the Magna Carta  
**B** the Mayflower Compact  
**C** the Emancipation Proclamation  
**D** the Declaration of Independence

2. The countries listed in the box are part of the region known as?

- F Oceania
- G the Middle East
- H the Pacific Rim
- J Southeast Asia

|  |
|--|
| <p>China<br/>Chile<br/>Japan<br/>South Korea</p> |
|--|

3. Which of these is considered an international issue?

- A housing problems
- B environmental concerns
- C business regulations
- D use of natural resources

## Vocabulary

For Number 1, read the sentences. Then choose the word that best completes both sentences.

1. The hostess checked for our \_\_\_\_\_.  
Several leaders voiced their \_\_\_\_\_ about the agreement.
- A table
  - B objections
  - C reservations
  - D possessions

For Number 2, choose the word that means the same, or about the same, as the underlined word.

2. quite abstract
- F theoretical
  - G absent
  - H concrete
  - J abstinent

For Number 3, choose the word whose meaning best completes the sentence.

3. With a \_\_\_\_\_ tone, he said that there was no rush to complete the order.
- A serious
  - B nonchalant
  - C concerned
  - D critical

## 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. Here are some ways to improve your health; eat a balanced diet, exercise regularly, drink water frequently, and get adequate sleep.  
F health: eat  
G health, eat  
H health. Eat  
J Correct as it is

For Numbers 3 and 4, read the letter and look at the numbered, underlined parts. Choose the answer that shows the best capitalization and punctuation for each part.

March 10, 2018

Expressions Imprinting

(3) 1598 Ridgeway Avenue

(4) Pulaski NY 13142

Dear Sir or Madam:

I would like to request a sample of your imprinted mugs, pens, and key chains. Please send the materials to 755 15<sup>th</sup> Street, Spokane, WA 99208.

Yours truly,  
Leslie Schmidt

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



## Spelling

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

1. The sidewalk had begun to \_\_\_\_\_.
  - A disintagrate
  - B desentagrate
  - C disentigrate
  - D disintegrate
  
2. There are many \_\_\_\_\_ about learning disorders.
  - F misconceptions
  - G missconceptions
  - H mesconceptions
  - J misconceptians

For Number 3, read the phrases. Three of the underlined words are spelled correctly. Find the phrase containing an underlined word that is not spelled correctly.

3. A plausible explanation
- B skeptical opinion
- C variable outcome
- D unerring decision

## 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. What percent of 24 is 36?
  - A 150%
  - B 1.50%
  - C 67%
  - D 125%
  - E None of these
  
2.  $-22 - -97 =$ 
  - F  $-75$
  - G 75
  - H  $-119$
  - J 119
  - K None of these

3.

$$5^6 \times 5^3 =$$

- A  $5^{18}$
- B  $25^{18}$
- C  $5^9$
- D  $25^9$
- E None of these

4.

$$\frac{23 - 5(10 - 6) + 5}{2} =$$

- F 36.5
- G 14
- H 2
- J 4
- K None of these

5.

Solve for x.

$$\frac{2}{12} = \frac{4}{x}$$

- A 24
- B 12
- C  $\frac{1}{24}$
- D 6
- E None of these

6.

$$4.05 \times 3.141 =$$

- F 0.1272105
- G 1.272105
- H 1272.105
- J 12.72105
- K None of these

**Reading and Language Arts**

- 1 - C
  - 2 - J
  - 3 - A
  - 4 - H
  - 5 - B
  - 6 - J
  - 7 - D
- 

**Mathematics**

- 1 - C
  - 2 - G
  - 3 - C
  - 4 - J
  - 5 - D
  - 6 - G
- 

**Science**

- 1 - C
  - 2 - F
  - 3 - B
- 

**Social Studies**

- 1 - B
- 2 - H
- 3 - B

**Vocabulary**

- 1 - C
  - 2 - F
  - 3 - B
- 

**Language Mechanics**

- 1 - C
  - 2 - F
  - 3 - D
  - 4 - G
- 

**Spelling**

- 1 - D
  - 2 - F
  - 3 - C
- 

**Mathematics Computation**

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