

This practice test is designed to introduce your student to the mechanics of taking the TerraNova Grade 11/12 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 11/12 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.

*"Education is not the learning of facts but the training of the mind to think."*

ALBERT EINSTEIN



## 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.**

Yellowstone National Park was the first national park in the United States and is believed to be the first in the world. It was established by Congress and signed into law by President Ulysses S. Grant on March 1, 1872. The park occupies the northwest corner of Wyoming touching the adjoining states of Montana and Idaho and covers an area of 3,468 square miles. Yellowstone's landscape is made up of lakes, canyons, rivers, and mountain ranges presenting some breathtaking scenery.

One of its earliest explorers was John Colter of the Lewis and Clark Expedition of 1806. After being wounded by Indians, he described a place of "fire and brimstone" that many dismissed as fits of delirium. Over the next several decades, a number of mountain men and trappers reported seeing boiling mud, steaming rivers, and petrified trees but even they were not believed.

Several other expeditions were sent to explore the area, collect specimens, and name sites of interest. It wasn't until American geologist, Ferdinand V Hayden led a government sponsored expedition in 1871 that included a photographer and painter, that the area was removed from public auction. The following year, President Grant signed *The Act of Dedication* law that created Yellowstone National Park.

This little corner of Wyoming is like no other place on the continent. The lush landscape is dotted with beautiful geothermal formations that defy description. These include Fumaroles or steam vents that hiss steam and gases as well as Geysers such as Old Faithful which spews scalding hot water high into the air at 90-minute intervals the year-round. Wood plank walkways have been constructed to allow visitors to walk out over the Mud pots steaming with acidic hot water and Hot Springs filled with "boiling" water. The park is also home to over 1700 species of trees and plants as well as almost 60 species of mammals including the timber wolf, coyote, the threatened Canadian lynx, grizzly bears, black bears, elk, moose, mule deer, mountain goats, bighorn sheep, cougars, and bison.

Driving through Yellowstone is a feast for the eyes but can also be treacherous. The animals have the right-of-way here. So when bison or elk are strolling along the road, automobile traffic slows to a crawl. Most drivers don't seem to mind. The beauty and wonders of Yellowstone summon thousands of visitors from all over the world every year.

- |  |  |
|--|--|
| <p><b>1.</b> Yellowstone National Park is located in the northwest corner of what state?</p> <p><b>A</b> Montana<br/> <b>B</b> Wyoming<br/> <b>C</b> Idaho<br/> <b>D</b> Arizona</p> | <p><b>2.</b> The law making Yellowstone a national park was signed by which president?</p> <p><b>F</b> Lincoln<br/> <b>G</b> Roosevelt<br/> <b>H</b> Grant<br/> <b>J</b> Johnson</p> |
|--|--|

3. The first known explorer of the region was with which expedition?

- A Cortez
- B Hudson
- C Balboa
- D Lewis & Clark

Read this excerpt from an article about the development of the internet and use it to answer Numbers 4-6.

1) Because communication between computers in the same network had been used, it was unthinkable of having communication outside of a network prior to the late 1970's. 2) This changed, when Arpanet devised TCP/IP and used this new set of rules for communication between networks. 3) This made the early "Internet" just a network of networks. 4) By 1991, there were 1 million computers connected to the Internet. 5) The system had little organization.- 6) Information was difficult to access. 7) Libraries have systems to help people find information faster. 8) This problem was solved by Tim Berners-Lee, a British scientist, who invented a method of organizing the information which he called the world-wide-web (www).

4. Choose the best way to write Sentence 1.

- F Since communication between computers in the same network had been used, it was unthinkable of having communication outside of a network prior to the late 1970's.
- G Although communication between computers in the same network had been used, it was unthinkable of having communication outside of a network prior to the late 1970's.
- H When communication between computers in the same network had been used, it was unthinkable of having communication outside of a network prior to the late 1970's.
- J Best as it is

5. Choose the best way to combine Sentences 5 and 6.

- A Because the system had little organization, information was difficult to access.
- B Which the system had little organization, information was difficult to access.
- C The system had little organization, when information was difficult to access.
- D Best as it is

6. Choose the sentence that does not belong in the paragraph.

- F Sentence 5
- G Sentence 6
- H Sentence 7
- J Sentence 8

7. Choose the best topic sentence for this paragraph.

This was due to the fact that magic and religion played a very large part in the medicine of early human history. Common illness such as colds and constipation were accepted as part of life, however serious and disabling diseases were in a very different category. These were considered to be of a supernatural origin and were thought to be the result of a spell, visitation by a demon or the work of an offended god. A remedy, typically of vegetable origin, was administered and accompanied by dancing, incantations, grimaces, and all tricks of the medicine man.

- A The first doctors or “medicine men” were more witch doctors or sorcerers, who treated both the body and soul.
- B Medicine has come a long way since the early times of ancient rituals.
- C Ancient medicine relied heavily on herbal remedies and medicines.
- D Early records of medical practices are few, but records from ancient Egypt have been found providing greater insight to the practices used there.

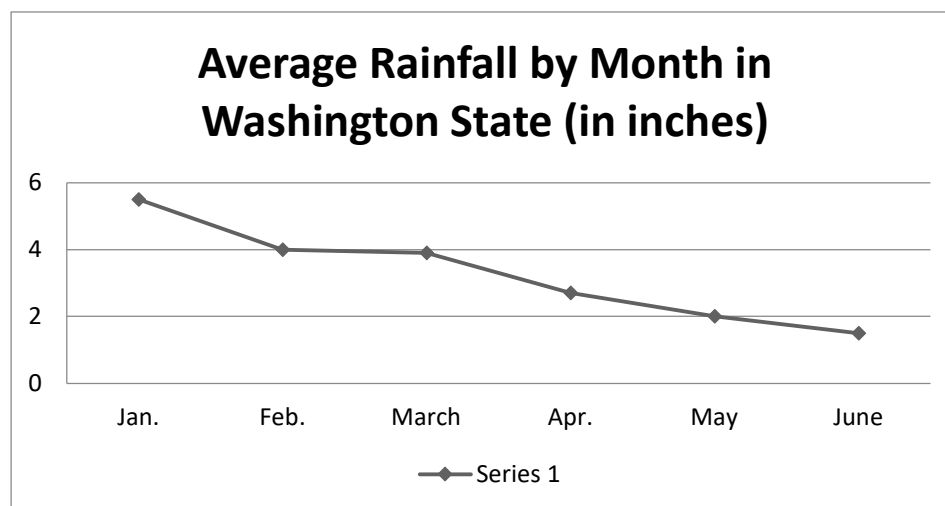
Mathematics

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.

- |   |  |
|---|--|
| <p>1. Which of these is another way to write <math>3.67 \times 10^{-2}</math>?</p> <ul style="list-style-type: none"> <li>A 3,670</li> <li>B 36,700</li> <li>C 0.367</li> <li>D 0.0367</li> </ul> | <p>2. Which one of these equations is true?</p> <ul style="list-style-type: none"> <li>F <math> -6  =  -6 </math></li> <li>G <math> 6  =  -6 </math></li> <li>H <math> -6  = -6</math></li> <li>J <math> -6  = 6</math></li> </ul> |
|---|--|

Study the graph below and use it to answer the next question.

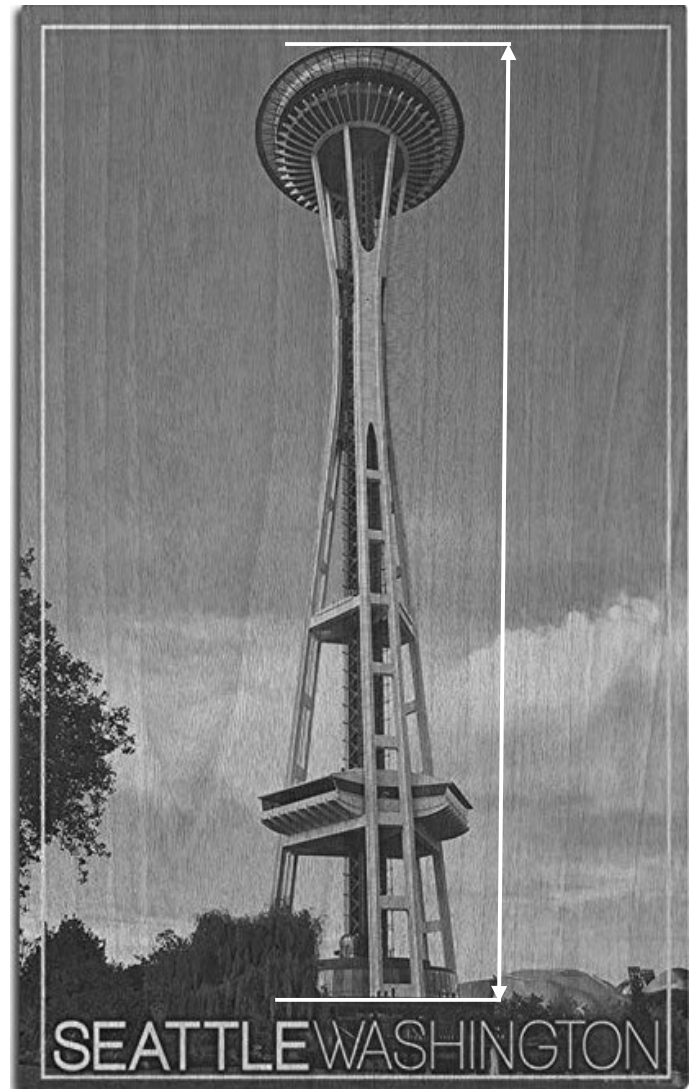
Washington State sees the least amount of precipitation during the summer months.



- 3.** Based on the above chart and information, what can be expected for the rainfall in July?
- A** it will likely be more than 3 inches
  - B** it will likely be between 1 and 1.5 inches
  - C** it will likely be between 2 and 2.5 inches
  - D** it will likely be 0 inches
- 4.** Weston’s basketball team played 30 games this season. They won 80% of their games and lost the rest. What was their record of wins and losses?
- F** 24 wins, 6 losses
  - G** 12 wins, 18 losses
  - H** 18 wins, 12 losses
  - J** 6 wins, 24 losses

**Use the inch side of your ruler to help you solve Number 5.**

- 5.** On the right is a postcard Monica’s Aunt mailed them from her latest trip. The actual height of the Space Needle is 605 feet. What is the scale of the postcard?
- A** 1 inch to 20 ft.
  - B** 1 inch to 65 ft.
  - C** 1 inch to 115 ft.
  - D** 1 inch to 121 ft.
- 6.** Two-thirds of the companies contacted agreed to contribute funds to the benefit event. One-half of those who contributed also supplied volunteers to help as well. What percentage of companies provided volunteers?
- F** 10%
  - G** 33%
  - H** 50%
  - J** 66%



## Science

1. Why do areas near the equator have the warmest climates?

- A That is where the most thermal heat is.
- B Those areas receive the most direct sunlight.
- C The atmosphere is thicker at the equator.
- D The equator is closer to the sun.

2. Refrigeration helps preserve fruit because?

- F It helps fruit ripen.
- G It helps bacteria grow.
- H It slows down fruits' natural metabolic processes.
- J It activates enzymes.

3. In cats short hair (H) is dominant over long hair (h). According to the Punnet square, what percentage of the kittens will be born with short hair?

- A 25%
- B 50%
- C 75%
- D 100%

		Male Cat	
		H	h
Female Cat	H	HH	Hh
	h	Hh	hh

## Social Studies

Use the clip from a News article to answer Number 1.

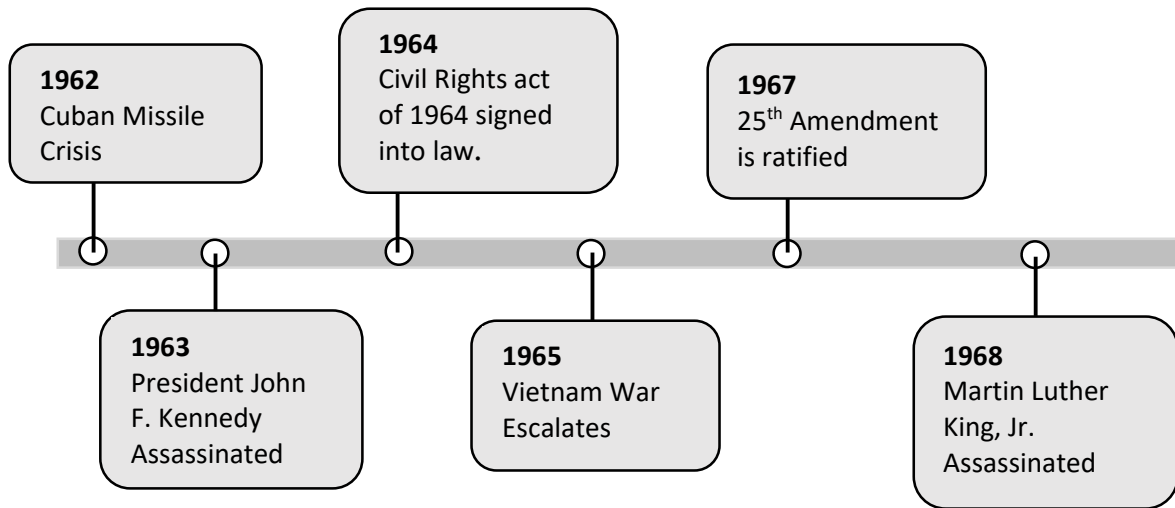
### News

.....farmers battered by falling commodity prices are pressing for quick passage of a new farm bill for potential relief.

1. Which of these departments would handle providing the relief to the farmers if the bill passes?

- A Department of Education
- B Department of Justice
- C Department of Agriculture
- D Department of Defense

### 1960's Time Line



2. Who was the President during most of the period shown on the timeline above?
  - F John F Kennedy
  - G Lyndon B Johnson
  - H Richard Nixon
  - J Dwight Eisenhower
  
3. Which of these did not occur during the years shown on the timeline?
  - A NASA is formed
  - B the civil rights movement creates changes
  - C student protests against the Vietnam War
  - D Voting Rights Act is signed into law

### Vocabulary

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

1. The hot liquid burned his \_\_\_\_\_.  
He has a diverse \_\_\_\_\_ and enjoys many food varieties.
  - A palate
  - B palm
  - C tongue
  - D mantle



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

2. very resilient

- F rigorous
- G restrained
- H submissive
- J hardy

For Number 3, choose the word that best completes the sentence.

3. Following a brief \_\_\_\_\_, the speaker got back to his main topic.

- A aversion
- B digression
- C resolution
- D divergent

## Language Mechanics

For Numbers 1 and 2, choose the sentence that is written correctly and shows the correct capitalization and punctuation.

1. **A** Sam asked, “where is the party going to be?”  
**B** “The magnet is on the table,” said darla.  
**C** Lisa said, “We will be going to the theater at 6 p.m.”  
**D** “Where are the water glasses, asked Tammy?”
2. **F** The book *Gone with the Wind* is set in the Civil War era.  
**G** Our school performed a play called *our Town*.  
**H** “Cat in the Barn” is an excellent short story.  
**J** The short story titled *Flying High* is light hearted and encouraging.

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 2, 2019

Elizabeth’s Tea Shop  
204 W. Monroe Street

(3) spokane, Wa 99205

(4) Dear Madam:

Please send me a sample of your Evening Primrose tea pouches. I have included a pre-addressed packet with this letter. Thank you.

Sincerely,  
Tiffany Harloom

3. A Spokane, Wa 99205  
B Spokane, WA 99205  
C Spokane Wa 99205  
D Correct as it is

4. F Dear Madam,  
G Dear Madam;  
H Dear madam:  
J Correct as it is

## Spelling

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

1. She completed the task in a \_\_\_\_\_ manner.
- A methodical  
B methodicel  
C mothodical  
D methodecel

For Numbers 2 and 3, read the phrases. Find the phrase containing an underlined word that is **not** spelled correctly. If all the underlined words are spelled correctly, mark “All correct.”

2. F  jovial  mood  
G  lafish  gifts  
H  poignant  spirit  
J All correct
3. A  picturesque  scene  
B  susceptible  patient  
C  threadbare  jacket  
D All correct

## 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.
- $$^{-}487 \times ^{-}35 =$$
- A  $^{-}17,045$   
B 17,045  
C 17,450  
D  $^{-}17,450$   
E None of these

2.

$$^{-}6 + 4^2 \div (13 - 11) =$$

- F 2
- G  $^{-}2$
- H 5
- J  $^{-}5$
- K None of these

3.

What percent of  
20 is 30?

- A 1.2%
- B .50%
- C 120%
- D 12.0%
- E None of these

4.

$$\frac{6 - (6 \times 9)}{4^2} =$$

- F 12
- G  $^{-}12$
- H 3
- J  $^{-}3$
- K None of these

5.

$$(3x + y)(x + 4y) =$$

- A  $3x^2 + 13xy + 4y^2$
- B  $3x^2 + 4y^2$
- C  $4x + 5y$
- D  $3x^2 + 12xy + 4y^2$
- E None of these

6.

$$\frac{x}{3} - 4 = ^{-}12$$

- F  $^{-}48$
- G  $^{-}16$
- H  $^{-}24$
- J  $^{-}40$
- K None of these

## Reading and Language Arts

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

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## Mathematics

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

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## Science

1 - B  
2 - H  
3 - C

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## Social Studies

1 - C  
2 - G  
3 - A

## Vocabulary

1 - A  
2 - J  
3 - B

---

## Language Mechanics

1 - C  
2 - H  
3 - B  
4 - J

---

## Spelling

1 - A  
2 - G  
3 - D

---

## Mathematics Computation

1 - B  
2 - F  
3 - E  
4 - J  
5 - A  
6 - H