This practice test is designed to introduce your student to the mechanics of taking the TerraNova Grade 8 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 8 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.

> *"Don't judge each day by the harvest you reap, but by the seeds that you plant."*
>
> *ROBERT LOUIS STEVENSON*

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!

Family Learning Organization

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)
8. (F) (G) (H) (J)

Mathematics

1. (A) (B) (C) (D) (E)
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)

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)
5. (A) (B) (C) (D)

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 4.

Dr. Pepper's unique flavor stems from a concoction created by a Texas pharmacist. It is the oldest major soft drink brand in America whose origin dates back to the 1880s.

Charles Alderton was a pharmacist working at Morrison's Old Country Drug Store in Waco, Texas. He enjoyed experimenting with mixtures of fruit syrups to create carbonated drinks to serve his fountain customers. His goal was to find one that would taste like the smell that resulted from mixing the various fruit syrups. He finally hit upon the one he liked.

Alderton tested the drink on the store owner Morrison. After gaining his approval, the pharmacist offered the product to some of his fountain patrons. Before long, customers were requesting this refreshing new drink. Soon, other fountain operators in Waco wanted to buy the syrup from Morrison. Eventually, demand was so great that the little drug store couldn't keep up with it.

Dr. Pepper was introduced to nearly 20 million people at the 1904 World's Fair in St. Louis, Missouri. Like other new products debuting that year – including hamburgers, hot dogs, and ice cream cones – the drink was well-received.

While its icons and slogans have undergone a series of forms and adaptations over the years, the basic formula has remained unchanged. Dr. Pepper still owes its unique taste to the 23 fruit flavors brought together by a young pharmacist so long ago.

1. Where was Dr. Pepper created?

   A St Louis, MO
   B Dallas, TX
   C Waco, TX
   D Miami, FL

2. What reaction do you think store owner Morrison had when he tasted the drink?

   F delight
   G surprise
   H concern
   J hesitation

3. What was the occupation of the inventor?

   A doctor
   B pharmacist
   C inventor
   D farmer

4. Which is the best title for this piece?

   F 1904 World's Fair
   G 19th Century Beverages
   H History of Soft Drinks
   J History of Dr. Pepper

Read this short story about a dog named Silly. There are some mistakes that need correcting. Then do Numbers 5 through 7.

> **(1)** Silly was the name of a very chubby cocker spaniel. **(2)** Her full name was Kelly's Silly Lady, but everyone called her Silly. **(3)** That was a name that described her pretty well. **(4)** When it was two years old, Silly went to live with a new family. **(5)** She didn't understand why she was being moved and spent the first day or two trying to escape. **(6)** It only took her a few days to settle in and get to know it's new family. **(7)** She came to love them and knew they loved her, too.

5. **Choose the best way to write Sentence 4.**

   A When her was two years old, Silly went to live with a new family.
   B When she was two years old, Silly went to live with a new family.
   C When the dog was two years old, Silly went to live with a new family.
   D Best as it is

6. **Choose the best way to write Sentence 6.**

   F It only took her a few days to settle in and get to know which new family.
   G It only took her a few days to settle in and get to know new family.
   H It only took her a few days to settle in and get to know her new family.
   J Best as it is

7. **Where would this sentence best fit in the story?**

   At one point, she even tried to jump the fence in the backyard, but it was too high for her.

   A after Sentence 3
   B after Sentence 4
   C after Sentence 5
   D after Sentence 6

8. **Choose the sentence that best combines the two sentences into one.**

   My brother and I got to pick out a dog.
   The dog was at the animal shelter.

   F My brother and I got to pick out a dog at the animal shelter.
   G My brother and I at the animal shelter got to pick out a dog.
   H My brother and I got to pick out a dog and it was at the animal shelter.
   J My brother and I got to pick out a dog and we got to pick it out at the animal shelter.

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.

$^-9 - ^-38 =$

A $^-29$
B 29
C 47
D $^-47$
E None of these

2. Mary and Nance were comparing the length of some strands of beads.

> Blue strand is longer than the red strand.
> Green strand is longer than the yellow strand.
> Red strand is longer than the green strand.

Which strand is the shortest?

F Blue strand
G Yellow strand
H Red strand
J Green strand

3. Lisa got on the bus and noticed that 24 of the 36 seats were filled.

Which of these is another way to write $\frac{24}{36}$?

A $\frac{12}{36}$ **C** $\frac{2}{3}$

B $\frac{6}{18}$ **D** $\frac{3}{4}$

4. Study the Table on the right.

The data company charges one rate for the first unit of data usage and another rate for each additional unit. Which of these would be the cost for using 6 units of data?

F $2.15
G $2.04
H $1.81
J $1.60

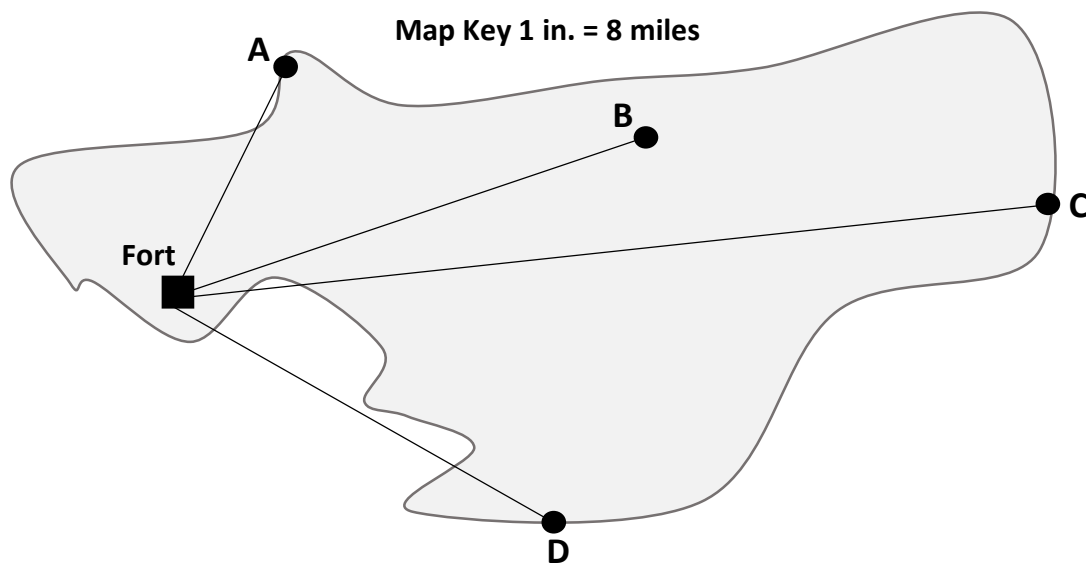| Lynx Data Company	
Number of Units Used	Cost
2	$0.68
1	$0.45
3	$0.91
5	$1.37

5. Samantha made a mistake while trying to solve this problem.

Which step did Samantha do incorrectly?

A Step 1
B Step 2
C Step 3
D Step 4

	$7x - 35 = 2x + 15$
Step 1	$7x - 2x - 35 = 2x - 2x + 15$
Step 2	$5x - 35 + 35 = {}^-15 - 35$
Step 3	$5x = {}^-50$
Step 4	$5x \div 5 = {}^-50 \div 5$
	$x = {}^-10$

Study this map and use it and your ruler to help answer Problems 6 & 7.

Map Key 1 in. = 8 miles

6. Use the inch side of your ruler to answer the question.
If Hailey started at the fort and traveled a distance of 18 miles, which point would she travel to?

F Point A
G Point B
H Point C
J Point D

7. If Rebecca started at the fort and traveled to Point C, how many more miles than Hailey would she travel?

A 12 miles
B 16 miles
C 18 miles
D 22 miles

Science

1. Why does a block of wood float on water?

    A wood has a weak gravitational pull
    B water is less dense than wood
    C wood is less dense than water
    D wood is fibrous

2. The main functions of this body system include collecting sensory input from the body and external environment, processing the sensory input, and responding to the input. What body system is it?

    F nervous system
    G digestive system
    H circulatory system
    J muscular system

3. Which layer of the earth is just below the crust?

    A top
    B mantle
    C outer core
    D inner core

Social Studies

1. Prior to the Revolutionary War, who ruled the thirteen original states?

    A Mexico
    B France
    C Great Britain
    D Spain

2. What was the purpose of the Bill of Rights?

    F to declare independence
    G to create the Supreme Court
    H to create the three branches of government
    J to protect individual rights

3. What do the countries in the box have in common?

    A They have the same climates.
    B They are all island nations.
    C They are located in the same ocean.
    D They all speak the same language.

    New Zealand
    Madagascar
    Japan
    Iceland

Vocabulary

For Number 1, read the sentences. Then choose the word that correctly completes <u>both</u> sentences.

1. The dog is _____ to us.
   You need to _____ the door.

   A next
   B behind
   C close
   D shut

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

2. the <u>assumption</u>

   F speculation
   G measurement
   H belief
   J knowledge

For Number 3, read the passage and notice the numbered blank space. Choose the word from the list that best completes the meaning of the passage.

It was a lazy summer day and 12 year old Katy was bored and looking for something fun to do. So she and her friends, Traci and Olivia, came up with a daring adventure to help them escape their _____(3)_____.

3. **A** boredom
   B prison
   C chores
   D home

Language Mechanics

For Numbers 1 and 2, look at the underlined part of the sentence. Choose the answer that shows the best capitalization and punctuation for that part.

1. The dog is <u>yellow; it</u> is also old.

   A yellow, it
   B yellow it
   C yellow: it
   D Correct as it is

2. We need to clean the <u>parrots</u> cage.

   F parrots's
   G parrot's
   H parrots'
   J Correct as it is

For Number 3, choose the sentence that has the correct capitalization and punctuation.

3. **A** The government of Australia met to discuss the issue.
   B The canary islands are in the Pacific ocean.
   C Where are the brooms!
   D Princeton, alberta is in Canada.

For Numbers 4 and 5, read the letter and the passage and look at the numbered, underlined parts. Choose the answer that shows the best capitalization and punctuation for each part.

May 16, 2018

Enterprise Publishing Company
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Princeton, VA 23504

(5) To whom It may Concern;

In your April 2018 edition of *Whacky Outdoor Adventures*, please note that you have a typo on Page 34. In the article titled, "Meeting a Seal Pup", 1st paragraph, 3rd line, the word "receive" is misspelled. In the article it is spelled "recieve" and it should be "receive." Thank you for your attention to this matter. I look forward to the next edition.

Yours truly,
Irina Smith

4. **F** p.o. box 32543
   G P.O. Box 32543
   H P.o. Box 32543
   J Correct as it is

5. **A** To whom it may concern,
   B To Whom It May Concern,
   C To Whom It May Concern:
   D Correct as it is

Spelling

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

1. The _____ at the bank has been completed.

   A transatian
   B transaction
   C transaktion
   D tranaction

2. That is a _____ cause.

   F charitable
   G charatabel
   H chariteble
   J charitible

For Number 3, read the phrases. Find the phrase containing the underlined word that is not spelled correctly. If all the underlined words are spelled correctly, mark "All correct."

3. **A** have to <u>wrangle</u>

    B would not <u>surrender</u>

    C <u>aggregate</u> effect

    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.

$56 \div 7 \times 8 =$

    A 1
    B 56
    C 64
    D 112
    E None of these

5.

$6x + 18 = 36$

    A ⁻9
    B 9
    C 3
    D ⁻12
    E None of these

2.

$\dfrac{3}{2} \div \dfrac{2}{9} =$

    F $\dfrac{1}{3}$
    G $\dfrac{6}{18}$
    H $6\dfrac{2}{3}$
    J $6\dfrac{3}{4}$
    K None of these

6.

$(5 - 1) + 8 - 14 \div 2 =$

    F 1
    G ⁻1
    H 2
    J 5
    K None of these

3.

15% of ☐ = 4.5

    A 4.5
    B 30
    C 3.0
    D 300
    E None of these

4.

⁻200 ÷ ⁻5 =

    F 40
    G ⁻40
    H 100
    J ⁻100
    K None of these

Reading and Language Arts

1 - C
2 - F
3 - B
4 - J
5 - B
6 - H
7 - C
8 - F

Mathematics

1 - B
2 - G
3 - C
4 - J
5 - B
6 - J
7 - C

Science

1 - C
2 - F
3 - B

Social Studies

1 - C
2 - J
3 - B

Vocabulary

1 - C
2 - F
3 - A

Language Mechanics

1 - D
2 - G
3 - A
4 - G
5 - C

Spelling

1 - B
2 - F
3 - D

Mathematics Computation

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