



Proficiency Test Study Guide

Answers included

Jan. 2017

1.
$$\begin{array}{r} 4125 \\ - 2639 \\ \hline \end{array}$$

8.
$$213 \overline{)26,835} \text{ r}$$

2.
$$\begin{array}{r} 1429 \\ - 1237 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 9000 \\ - 4758 \\ \hline \end{array}$$

Leave answers as mixed numbers.

9.
$$\frac{152}{62} =$$

4. $68 \div 7 =$

5. $110 \div 9 =$

6. $100 \div 12 =$

10.
$$5\frac{3}{4} - 2\frac{5}{12} + \frac{5}{6} =$$

7.
$$\begin{array}{r} 543 \\ \times 345 \\ \hline \end{array}$$

11.
$$4\frac{2}{7} \bullet 9\frac{3}{5} \div 1\frac{1}{2} =$$

Fill out the rest of the chart.

	Fraction	Decimal	Percent	Ratio
12.	$\frac{6}{25}$			
13.		1.75		
14.			22%	
15.				1:6

16. $-26 + 15 =$

21. $-6\frac{1}{6} + 2\frac{4}{5} =$

17. $53 - (-23) =$

18. $-211 - 472 =$

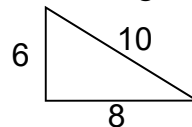
19. $26.6 - 200 =$

22. $-6 + [-2(-3)^2 + 4.5](-4) - 4 \bullet 10 =$

20. $-2.53 + 58 =$

23. $(-1\frac{1}{2})^4 \div (-2\frac{3}{4})^2 =$

26. Find the perimeter and area of this right triangle.



P = _____ A = _____

24. Find 25% of 76.

Solve the equation/inequality for the variable.

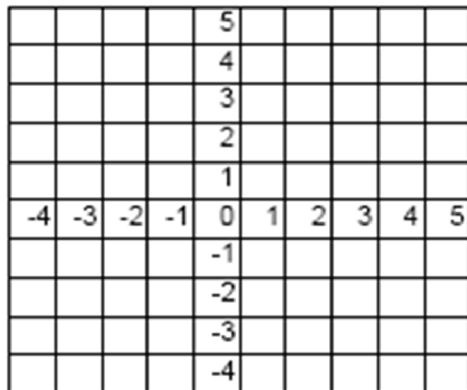
27. $4(2x + 3) = 7(-2x - 7)$

25. $2.5 \times 0.031 =$

28. $-3(x + 4) + 5 > -10$

Graph the equation of the line.

29. $y = (-2/3)(x - 3) + 2$



Multiply the expression.

31. $(3x + 6)(2x^2 - 9)$

Factor the expression.

32. $4x^2 - 2x - 42$

Simplify the expressions with only positive exponents.

30.
$$\frac{ab^{-2}(-4)^3}{2^2 a^{-3} b^5 c^{-4}}$$

Solve the system of equations for x & y.

33.
$$\begin{aligned} 2x - 3y &= -13 \\ 4x - 8y &= -36 \end{aligned}$$

NAME: _____ DATE: _____

Write the part of speech for the underlined word from the choices.

1. _____ He always wants a blue backpack and lunchbox.
2. _____ He always wants a blue backpack and lunchbox.
3. _____ He always wants a blue backpack and lunchbox.
4. _____ He always wants a blue backpack and lunchbox.
5. _____ He always wants a blue backpack and lunchbox.
6. _____ He always wants a blue backpack and lunchbox.
7. _____ He always wants a blue backpack and lunchbox.
8. _____ He always wants a blue backpack and lunchbox.

CHOICES:

verb
adjective
adverb
noun
pronoun
conjunction
article
-(special adj.)

One is used twice.

Circle the correct verb/verb phrase option.

9. Jess and her mother (goes, go, gone) to the store.
10. The piglet (has rooting, were rooted, was rooting) for truffles.

Underline the simple subject(s) once and the verb(s) twice.

11. Frank and his cat sleep in the afternoon.
12. Bobby will go to school early and will clean the gym.

Put in any proper punctuation and circle any letters that need capitalization.

13. sara replied they went to burger king for lunch
14. will we be traveling to miami fl on sat june 3rd

"Why Striped Chipmunk Is Proud of His Stripes" by Thornton W. Burgess

1 The Merry Little Breezes of Old Mother West Wind are great friends of Striped Chipmunk. They hurry to call on him the very first thing every morning after Old Mother West Wind has brought them down from the Purple Hills. They always beg him to stop and play with them, but often he refuses. But he does it in such a merry way and with such a twinkle in his eyes that the Merry Little Breezes never get cross because he won't play. No, Sir, they never get cross. If anything, they think just a little bit more of Striped Chipmunk because he won't play. You see, they know that the reason he won't play is because he has work to do, and Striped Chipmunk believes and says:

"When there is work for me to do
The sooner started, sooner through."

2 So every morning they ask him to play, and every morning they laugh when he says he has too much to do. Then they **rumple** up his hair and pull his whiskers and give him last tag and race down to the Smiling Pool to see Grandfather Frog and beg him for a story. Now Grandfather Frog is very old and very wise, and he knows all about the days when the world was young. When he is feeling just right, he dearly loves to tell about those long-ago days.

3 One morning the Merry Little Breezes found Grandfather Frog sitting as usual on his big green lily-pad, and they knew by the way he folded his hands across his white and yellow waistcoat that it was full of foolish green flies.

4 "Oh, Grandfather Frog, please do tell us why it is that Striped Chipmunk has such beautiful stripes on his coat," begged one of the Merry Little Breezes. "Chug-a-rum! They are stripes of honor," replied Grandfather Frog, in his deep, gruff voice. "Honor! Oh, how lovely! Do tell us about it! Please do!" begged the Merry Little Breezes.

5 "Chug-a-rum!" began Grandfather Frog, his big, **goggly** eyes twinkling. "Once upon a time, when the world was young, old Mr. Chipmunk, the grandfather a thousand times removed of Striped Chipmunk, lived very much as Striped Chipmunk does now. He was always very busy, very busy, indeed, and it was always about his own affairs. 'By attending strictly to my own business, I have no time to meddle with the affairs of my neighbors, and so I keep out of trouble,' said old Mr. Chipmunk." "Just what Striped Chipmunk says now," broke in one of the Merry Little Breezes.

6 "That shows that he is just as wise as was his grandfather a thousand times removed about whom I am telling you," replied Grandfather Frog. "Old Mr. Chipmunk wore just a little, plain brown coat. It didn't worry him a bit, not a bit, that his coat was just plain brown. It kept him just as warm as if it were a beautiful red, like that of Mr. Fox, or handsome black and white, like that of Mr. Skunk. He was perfectly satisfied with his little plain brown coat and took the best of care of it."

7 "One day as he was hurrying home to dinner, he climbed up on an old stump to look around and make sure that the way was clear. Over in a little path in the meadow grass was walking old Mr. Meadow Mouse. He was strolling along as if there was nothing in the world to fear. Way back behind him in the same little path, walking very fast but very quietly, was big Mr. Bob Cat. His eyes were yellow, and a hungry look was in them. He didn't see Mr. Meadow Mouse, but he would in a few minutes. Mr. Chipmunk saw that he would, and that there was no place for Mr. Meadow Mouse to hide. "'Humph! I never **meddle** in other people's affairs, and this is none of my business,' said little Mr. Chipmunk."

Why Striped Chipmunk Is Proud of His Stripes" by Thornton W. Burgess

8 "But old Mr. Meadow Mouse was a friend. He thought a great deal of Mr. Meadow Mouse, did little Mr. Chipmunk. He couldn't bear to think of what would happen to Mr. Meadow Mouse if big Mr. Bob Cat should catch him. Then, almost without realizing what he was doing, little Mr. Chipmunk began to shout at big Mr. Bob Cat and to call him names. Of course, big Mr. Bob Cat looked up right away and saw little Mr. Chipmunk sitting on the old stump. His eyes grew yellower and yellower, he drew his lips back from his long, sharp teeth in a very angry way, and his little **bob** tail twitched and twitched. Then, with great leaps, he came straight for the old stump on which little Mr. Chipmunk was sitting."

9 "Little Mr. Chipmunk didn't wait for him to get there. Oh, my, no! He took one good look at those fierce, hungry, yellow eyes and long, cruel teeth, and then he whisked into a hole in the old stump. You see, there wasn't time to go anywhere else. Big Mr. Bob Cat found the hole in the stump right away. He snarled when he saw it. You see it was too small, very much too small, for him to get into himself. But he could get one hand and arm in, and he did, feeling all around inside for little Mr. Chipmunk. Little Mr. Chipmunk was frightened almost to death. Yes, Sir, he was frightened almost to death. He made himself just as flat as he could on the bottom of the hollow and held his breath. "'You'd better come out of there, Mr. Chipmunk, or I'll pull you out!' snarled Mr. Bob Cat."

10 "Little Mr. Chipmunk just snuggled down flatter than ever and didn't say a word. Mr. Bob Cat felt round and round inside the hollow stump and raked his long claws on the sides until little Mr. Chipmunk's hair fairly stood up. Yes, Sir, it stood right up on end, he was so scared. When it did that, it tickled the claws of Mr. Bob Cat. Mr. Bob Cat grinned. It was an ugly grin to see. Then he reached in a little farther and made a grab for little Mr. Chipmunk. His wide-spread, sharp claws caught in little Mr. Chipmunk's coat near the neck and tore little strips the whole length of it."

11 "Of course, little Mr. Chipmunk squealed with pain, for those claws hurt dreadfully, but he was glad that his coat tore. If it hadn't, Mr. Bob Cat would surely have pulled him out. After a long time, Mr. Bob Cat gave up and went off, growling and snarling. When he thought it was safe, little Mr. Chipmunk crawled out of the old stump and hurried home. He ached and **smarted** terribly, and his little plain brown coat was torn in long strips. "'This is what I get for meddling in the affairs of other folks!' said little Mr. Chipmunk bitterly."

12 "Just then he happened to look over to the house of Mr. Meadow Mouse. There was Mr. Meadow Mouse playing with his children. He didn't know a thing about what his neighbor, little Mr. Chipmunk, had done for him, for you remember he hadn't seen Mr. Bob Cat at all. Little Mr. Chipmunk grinned as well as he could for the pain."

13 "'I'm glad I did it,' he muttered. 'Yes, Sir, I'm glad I did it, and I'm glad that Neighbor Meadow Mouse doesn't know about it. I'm glad that nobody knows about it.'

A kindly deed's most kindly done
In secret wrought, and seen of none'.

14 "Now just imagine how surprised little Mr. Chipmunk was, when in the fall it came time to put on a new coat, to have Old Mother Nature hand him out a beautiful striped coat instead of the little plain brown coat he had expected. Old Mother Nature's eyes twinkled as she said:

Why Striped Chipmunk Is Proud of His Stripes" by Thornton W. Burgess

15 "There's a stripe for every tear made in your old coat by the claws of Mr. Bob Cat the day you saved Mr. Meadow Mouse. They are honor stripes, and hereafter you and your children and your children's children shall always wear stripes."

16 "And that is how it happens that Striped Chipmunk comes by his striped coat, and why he is so proud of it, and takes such good care of it," concluded Grandfather Frog.

1. Place each letter in the appropriate part of the story map.

- A. Grandfather Frog and Mr. Chipmunk
- B. The meadow
- C. Mr. Chipmunk yells out to Mr. Bob Cat.
- D. Mr. Chipmunk sees Mr. Bob Cat on the path.

TIME /	PLACE - SETTING
CHARACTERS A	PLOT /
PROBLEM	SOLUTION

2. Which text tells why Mr. Chipmunk does not want anyone to know what he did for Meadow Mouse?

Paragraph# _____

- A. "There's a stripe for every tear in your old brown coat."
- B. "This is what I get for meddling in the affairs of other folks."
- C. "A kindly deed's most kindly done in secret wrought, and seen of none."
- D. "I'm glad I did it, and I'm glad that Neighbor Meadow Mouse doesn't know."

3. The best summary for this story is —

- A. The Merry Breezes beg Grandfather Frog for a story. He tells them about Mr. Chipmunk and Mr. Bob Cat. The breezes were impressed with Mr. Chipmunk.
- B. Grandfather Frog tells the story of Chipmunk and how he got a brown fur coat.
- C. A wise frog tells a story to the Breezes of why chipmunks have striped coats. These stripes are stripes of honor for protecting his friend, Mr. Meadow Mouse.
- D. The Merry Breezes beg Striped Chipmunk for a story. He tells them why he has a striped coat. A bad bob cat tore his old coat when he was protecting a mouse.

4. What is an antonym for rumple in paragraph 2?

- A. To smooth
- B. To wrinkle
- C. To mess up
- D. To pull

5. Why was Mr. Chipmunk content with his plain brown coat?

Paragraph# _____

- A. It was the most beautiful of all.
- B. It was just as warm as everyone else's.
- C. It hid him from Mr. Bob Cat.
- D. All of the above

6. Why did Mr. Chipmunk not interfere in the affairs of others?

P# _____

- A. He did not like his neighbors.
- B. He lived too far from everyone.
- C. He was too busy and had no time to.
- D. Everyone made fun of his plain coat.

7. Who are the two main characters of this story?

- A. Grandfather Frog and the Breezes
- B. Old Mr. Chipmunk and Mr. Bob Cat
- C. Grandfather Frog and Mr. Bob Cat
- D. Striped Chipmunk and the Breezes

8. Why do the Merry Breezes call on Striped Chipmunk every morning?

P# _____

- A. They want to know about his coat.
- B. They want him to play with them.
- C. They want to hear a good story.
- D. They want to help him with his work.

9. What does goggly in paragraph 5 mean?

- A. Bulging
- B. Sticking out
- C. Protruding
- D. All of the above

10. The reader can tell that Old Mr. Frog -

- A. Would rather be left alone
- B. Enjoyed telling stories of long ago
- C. Had to hurry to finish his story
- D. Knows Old Mother West Wind well

11. Put these events in order.

____ Chipmunk yelled at Mr. Bob Cat.

____ Chipmunk finds a place to hide.

____ Meadow Mouse gets home.

____ Bob Cat almost kills Chipmunk.

12. Why did Mr. Bob Cat smile and know he almost had Mr. Chipmunk?

P# _____

- A. He heard Chipmunk cry in pain.
- B. He saw him inside the stump.
- C. His claws felt Chipmunk's hair.
- D. None of the above

13. How does Mr. Chipmunk feel when he first crawled out of the stump?

P# _____

- A. Proud for saving Meadow Mouse
- B. Irritable for not follow his own rule
- C. Exhausted for hiding for so long
- D. Excited that Bob Cat did not kill him

14. Why did Mr. Chipmunk not follow his rule about not getting involved in other's affairs?

P# _____

- A. Meadow Mouse was a friend.
- B. He wanted to be seen as a hero.
- C. He owed Meadow Mouse a big favor.
- D. He wanted a striped coat next year.

15. Mother Nature rewards Chipmunk by -

P# _____

- A. Giving him generations of children
- B. Wrapping him in a striped coat
- C. Keeping Mr. Bob Cat away from him
- D. All of the above

An Art Genius

Is there a word to describe the greatness of Michelangelo? No one is able to discuss the famous painting or sculpting masterpieces of the world without putting this Italian artist at the top of their list. His incredible talent lives on today when you are fortunate to experience the ceiling of the Sistine Chapel and the Pietá. Only his **contemporary**, Leonardo da Vinci, can compare.

One of his most famous works was completed when he was only twenty-four years old: The Pietá. Pietá is an Italian word meaning “pity.” This life-size masterpiece was created from one large block of marble showing the Virgin Mary cradling the lifeless body of Christ after He was taken down from the cross. Many pietas had been created but none as beautiful and life-like as this famous sculpture by Michelangelo.



Photo Credit: Glimz

The beauty of its lines and the expressions on the faces leave a lasting impression on anyone who sees it. From the folds in Mary's dress to the detail in the dead body of Christ, Michelangelo was able to **showcase** his enormous gifts. The sculptor chose to represent a more youthful, serene Mary than previous pietas that showed an older, grieving mother. It has been said, “It is certainly a miracle that a formless piece of rock could ever have been reduced to such perfection.” This incredible sculpture, the only one signed by this artist, can be seen in St. Peter's Basilica in Rome.

Even though Michelangelo was famous throughout Italy for his ability “to breathe life into” marble, he was **commissioned** by



Photo Credit: Quadell

Pope Julius II to paint the ceiling of the Sistine Chapel in Rome. This fresco, a painting on wet plaster, is probably considered his most famous. Covering five thousand square feet, this spectacular masterpiece depicts nine scenes from the Christian Bi-

ble's Book of Genesis. They include three each from God's creation of the world, man's downfall in the story of Adam and Eve, and the family of Noah. The ceiling illustrates man's need for salvation as offered by God through His Son, Jesus Christ. Taking over four years to complete, this enormous project is dramatic and moving in its detail. Originally the Pope had asked for the twelve Apostles to be painted on the ceiling, but Michelangelo imagined a much grander design with over three hundred figures. His paintings of the human bodies here are the glorious result of his years as a sculptor and interest in the body of man. Most famous on the ceiling is the moment the Hand of God gives life to Adam. It is said you must see this truly unbelievable artwork to appreciate what one man is capable of achieving.

Religious art was the dominate subject of the fifteen and sixteen centuries when Michelangelo lived. He believed his masterpieces were made possible by a gift from God Himself. He said, "I work out of love for God and put all my hope in Him." Even after five hundred years, we are still thankful for the highly spiritual art of Michelangelo.

1. This passage is mainly about —

- A. An Italian artist's masterpieces
- B. The ceiling of the Sistine Chapel
- C. Michelangelo's Pieta
- D. Italian artists

2. What is an antonym for showcase?

- A. Exhibit
- B. Show off
- C. Conceal
- D. Reveal

3. Answer T or F

- ___ Da Vinci worked with Michelangelo.
- ___ The Sistine Chapel is in Florence.
- ___ Religious art was most popular then.
- ___ The ceiling took four years to finish.

4. Put these events in correct order.

- ___ His name appears on the Pieta.
- ___ The Pope wanted the 12 Apostles.
- ___ Leonardo lived at the same time.
- ___ God gives Adam life.

5. What is painted on the Sistine Chapel's ceiling?

- A. Scenes from the Bible
- B. The Pietá
- C. The Twelve Apostles
- D. Pope Julius II

6. What was the "Pieta"?

- A. God giving life to Adam
- B. Mary holding the Baby Jesus
- C. Jesus and His 12 Apostles
- D. The Virgin cradling her Son



7. How was Michelangelo's Pieta so different from other ones?

- A. His was carved out of marble.
- B. Detailed lines and lifelike expressions
- C. His Mary was older and sadder.
- D. All of the above

8. What does "to breathe life into" mean?

- A. To give someone life
- B. To make something life-like
- C. To carve marble
- D. Answer not here

9. Why did Pope Julius hire Michelangelo to paint the Sistine Chapel?

- A. Michelangelo worked for free.
- B. Da Vinci was not available.
- C. Michelangelo loved God.
- D. Answer not here

10. What is salvation?

- A. Rescue
- B. Saving
- C. Pardon
- D. All of the above

11. What is a fresco?

- A. A painting on wet plaster
- B. A marble sculpture
- C. A famous painting on a wall
- D. A painting in a church

12. From the story you can tell—

- A. Michelangelo was an unhappy artist.
- B. He knew his talent came from God.
- C. He did not want to work for the Pope.
- D. He and Da Vinci were friends.



#1-22 = 2 pts. each #23-33 = 5 pts. each

PAGE 1

1. 1486
2. 192
3. 4242
4. 9 r 5
5. 12 r 2
6. 8 r 4
7. 187,335
8. 125 r 210
9. 2 14/31
10. 4 1/6
11. 27 3/7

PAGE 2

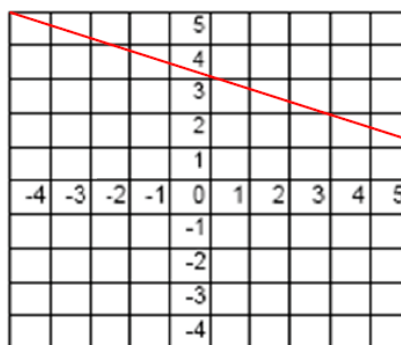
12. 0.24, 24%, 6:25
13. 7/4, 175%, 7:4
14. 11/50, 0.22, 11:50
15. 1/6, $0.1\overline{6}$, 16.6%
16. -11
17. 76
18. -683
19. -173.4
20. 55.47
21. -3 11/30
22. 8

PAGE 3

23. 81/121
24. 19
25. 0.0775
26. P=24, A=24
27. -2 17/22
28. $X < 1$

PAGE 4

29.



30.
$$\frac{-16a^4c^4}{b^7}$$

31. $6x^3 + 12x^2 - 27x - 54$
32. $2(2x - 7)(x + 3)$
33. (1,5)

GRAMMAR—PAGE 1

1 pt. each

1. Pronoun
2. Adverb
3. Verb
4. Article
5. Adjective
6. Noun
7. Conjunction
8. Noun
9. go
10. was rooting

1 pt. for subject / 1 pt. for verb

11. Frank and his cat sleep in the afternoon.

12. Bobby will go to school early and will clean the gym.

1 pt. for punctuation / 1 pt. for capitalization

13. Sara replied, "They went to Burger King for lunch."

14. Will we be traveling to Miami, FL on Sat., June 3rd?

READING - TT 4E
Striped Chipmunk

READING - DR 5C An Art Genius

Page 3			
story map			
1	see diagram	-----	B
		A	-----
		D	C
2	C	13	
3	C		
Page 4			
Ans	P#	Ans	P#
4	A	-----	10 B
5	B	6	11 1243
6	C	1,2,5	12 C 10
7	B	-----	13 B 11
8	B	1 or 2	14 A 8
9	D	-----	15 B 14 or 15

PG 27			
1	A	4	2314
2	C	5	A
3	FFTT	6	D
PG 28			
7	B	10	D
8	B	11	A
9	D	12	B