

Standardized Test Practice

Read each question. Then fill in the correct answer on the answer sheet provided by your teacher or on a separate sheet of paper.

1. On a recent social studies exam, Juanita answered 34 out of 40 questions correctly. Find Juanita's grade as a percent.


A. 77%
B. 80%
C. 82%
D. 85%

2. Danita spent \$56.50 on her haircut. About how much should she leave for a 20% tip?

F. about \$6 H. about \$12
G. about \$9 J. about \$20


3. If $\triangle GFH \cong \triangle QSR$, which segment is congruent to \overline{GH} ?

A. \overline{QS} C. \overline{QR}
B. \overline{SR} D. \overline{GF}

4.  **SHORT RESPONSE** Riley is cycling at a rate of 21 miles per hour. What is the rate in feet per second?

5. Rebecca is 6 years older than three times Andrew's age. The sum of their ages is 18. How old is Rebecca?

F. 3 years old
G. 6 years old
H. 12 years old
J. 15 years old

6.  **GRIDDED RESPONSE** Dr. Bade has 24 animals to see today at his veterinarian's office. Of these animals, 15 are dogs. What percent of Dr. Bade's patients today are dogs?

7. The table shows the favorite activities of campers at a summer camp. What percent of the campers voted for horseback riding as their favorite activity, to the nearest tenth of a percent?

Activity	Votes
canoeing	17
horseback riding	12
hiking	5
swimming	9

A. 24.1% C. 27.9%
B. 25.2% D. 33.4%

8. A washing machine that regularly sells for \$329 is on sale for \$279. What is the percent discount, to the nearest tenth of a percent?

F. 15.2% H. 17.4%
G. 16.5% J. 18.8%

9. Craig played basketball for 56 minutes. This is 10 minutes less than twice the number of minutes that Caleb played. How many minutes did Caleb play basketball?

A. 27 minutes
B. 29 minutes
C. 31 minutes
D. 33 minutes

10. **GRIDDED RESPONSE** Naomi bought the items shown below. She saved 20% on each item by using a store coupon. What was the total amount of money she saved?

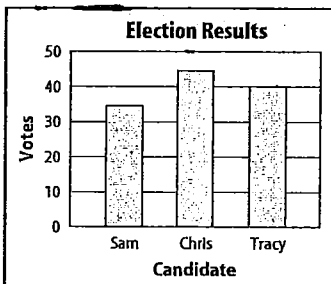
The Movie Source Sales Receipt	
Item	Original Price
DVD player	\$85
DVD movie	\$10
DVD movie	\$15
poster	\$10

11. At the same time a 50-foot cell phone tower casts a 32-foot shadow, a nearby light post casts a 20-foot shadow. How tall is the light post?
- F. 18 feet
 G. $25\frac{1}{4}$ feet
 H. 30 feet
 J. $31\frac{1}{4}$ feet

12. **SHORT RESPONSE** Write a decimal equivalent to $\frac{9}{20}$.

13. What integer added to -18 gives a sum of 18?
- A. -18
 B. 0
 C. 18
 D. 36

14. **SHORT RESPONSE** The bar graph shows the number of votes each candidate received for class president.



- a. How many students voted in the election?
 b. Which candidate received the most votes? What percent of the total votes did he or she receive?

15. **EXTENDED RESPONSE** An online retail store sold \$160,000 worth of clothing this year. The goal for next year is to increase this sales volume by 15%.

Part A Write and solve an equation to find the amount of clothing, in dollars, the online store needs to sell in order to achieve the goal.

Part B Describe another method for determining your answer to Part A.

Part C Suppose the owner of the online store predicts that the store will sell \$240,000 of clothing next year. Describe how the owner's prediction differs from the sales goal.

NAME _____

DATE

12/13/17

PERIOD

3

Student Recording Sheet

SCORE _____

Due 12/18/17

Use this recording sheet with the Standardized Test Practice pages.

Fill in the correct answer. For gridded-response questions, write your answers in the boxes on the answer grid and fill in the bubbles to match your answers.

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

2. (F) (G) (H) (J)

3. (A) (B) (C) (D)

4. _____

5. (F) (G) (H) (J)

6.

	/	/	/	/	
•	•	•	•	•	•
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

7. (A) (B) (C) (D)

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

9. (A) (B) (C) (D)

10.

	/	/	/	/	
•	•	•	•	•	•
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

11. (F) (G) (H) (J)

12. _____

13. (A) (B) (C) (D)

14. _____

Extended Response

Record your answers for Exercise 15 on the back of this paper.

