

# Standardized Test Practice

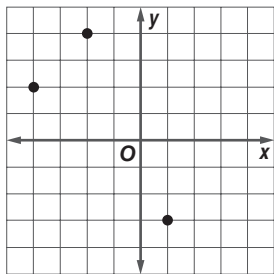
Read each question. Then fill in the correct answer on the answer document provided by your teacher or on a sheet of paper.

1. The table shows the daily low temperatures for Cleveland, Ohio, over five days.

Day	Temperature
1	15°F
2	-2°F
3	8°F
4	-6°F
5	5°F

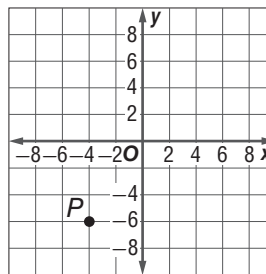
Which expression can be used to find the average daily low temperature during the five days?

- A.  $(15 + 2 + 8 + 6 + 5) \div 5$   
 B.  $15 + 2 + 8 + 6 + 5 \div 5$   
 C.  $[15 + (-2) + 8 + (-6) + 5] \div 5$   
 D.  $15 + (-2) + 8 + (-6) + 5 \div 5$
2. Three vertices of a parallelogram are given as coordinates  $(-4, 2)$ ,  $(-2, 4)$ , and  $(1, -3)$  in the graph. Which coordinates best represent the location of the fourth vertex of the parallelogram?



- F.  $(-3, 1)$   
 G.  $(3, -1)$   
 H.  $(1, -3)$   
 I.  $(-1, 3)$

3. **GRIDDED RESPONSE** The lowest point in Japan is Hachiro-gata (elevation  $-4$  m), and the highest point is Mount Fuji (elevation  $3,776$  m). What is the difference in elevation, in meters, between Mount Fuji and Hachiro-gata?
4. **GRIDDED RESPONSE** A submarine is cruising 8 meters below the surface. The captain orders a dive of another 17 meters. What is the new cruising depth of the submarine in meters?
5. In what quadrant is point  $P$  located?



- A. Quadrant I                      C. Quadrant III  
 B. Quadrant II                     D. Quadrant IV
6. What integer added to  $-9$  gives a sum of 3?  
 F. 12                                  H. 3  
 G. 6                                    I.  $-12$
7. By the end of the third quarter of a football game, Ricky had gained 112 yards and had lost 12 yards. If Ricky lost an additional 8 yards and gained 22 yards in the fourth quarter, which equation could be used to represent his total yardage for the game?  
 A.  $112 + 12 + 8 + 22 = 154$   
 B.  $112 + (-12) + (-8) + 22 = 114$   
 C.  $112 + 12 + (-8) + (-22) = 94$   
 D.  $(-112) + (-12) + 8 + 22 = -94$

8. **GRIDDED RESPONSE** Bobby is diving 50 feet below sea level at the beach. His sister is at the swimming pool deck, which is 15 feet above sea level. What is the difference, in feet, between the pool deck and Bobby’s position?

9. **SHORT RESPONSE** Larry borrowed \$12,000 from his grandfather to buy a car. He bought a used car, so he returned \$4,411 to his grandfather. Write and solve an equation using integers that shows the total amount that Larry owes his grandfather.

10. Pablo and three of his friends are playing paintball. The table shows their scores at the end of one round. By how many points is Winston beating Pablo?

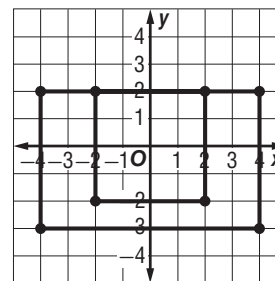
Player	Score
Pablo	-189
Winston	-124
Nevin	130
Marsella	48

- F. 65
- G. 135
- H. 178
- I. 313

11. Each of the first 4 pit stops a race car driver makes loses ten seconds off the leader. The pit crew makes adjustments, and at each of the next two pit stops he gains 7 seconds on the leader. How much time is the driver off the leader?

- A. 40 seconds
- B. 14 seconds
- C. -26 seconds
- D. -54 seconds

12. **SHORT RESPONSE** A rectangle and a square are graphed on a coordinate plane. Name an ordered pair that is inside the rectangle but outside the square.



13. **EXTENDED RESPONSE** The use of computers to download music has decreased the sales of music CDs. Use the following table to answer the questions.

Year	Estimated Number of New Music CD Releases
2000	36,000
2001	32,000
2002	34,000
2003	8,000
2004	14,000
2005	10,000
2006	12,000

**Part A** During which year was there the greatest decrease in CD releases from the previous year? What was the decrease?

**Part B** Write and evaluate an expression that shows the change in CD releases from 2004 to 2005.