

Standardized Test Practice

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


1. The receipt shows the quantity and price of some clothing. Which equation can be used to find the price of each pair of jeans?

Casual Fashions		
Quantity	Item	Price
2	pairs of jeans	\$64.52
3	sweaters	■
Total		\$136.67

- A. $64.52 + x = 136.67$
 B. $3x = 136.67$
 C. $64.52 = 2x$
 D. $2 + x = 64.52$
2. A sub shop is keeping track of the number of pounds of turkey sold each day.



Day	Number of Pounds of Turkey Sold
Monday	40.6
Tuesday	25.4
Wednesday	34.7
Thursday	45.2
Friday	65.3
Saturday	70.4
Sunday	50.8

The amount of turkey sold on Saturday is about how many times the amount of turkey sold on Wednesday?

- F. about 1.5 times H. about 3 times
 G. about 2 times I. about 4 times
3.  **GRIDDED RESPONSE** Bob's Boot Shop sold 60% of its stock of winter boots before the first snow of the year. What fraction of the stock of winter boots has not yet been sold?

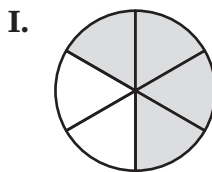
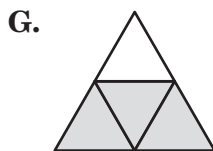
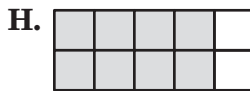
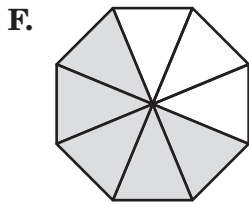
4. Two thirds of a blueberry pie is left in the refrigerator. If the leftover pie is cut in 6 equal-size slices, which fraction of the original pie is each slice?



- A. $\frac{1}{9}$ C. $\frac{1}{4}$
 B. $\frac{1}{6}$ D. $\frac{1}{3}$
5.  **GRIDDED RESPONSE** Mikayla bought a value pack of crackers for \$6.72. The value pack had 24 individually wrapped cracker packages. Solve $24x = 6.72$ to find the cost per package in dollars.
6. At a pet store, there are 30 aquariums. Of the 30, 20 have fresh water with 15 fish each. The other 10 aquariums have salt water with 6 fish each. Which equation could be used to find f , the total number of fish at the pet store?
- F. $f = 30 + 20 + 15 + 10 + 6$
 G. $f = 30(15 + 6)$
 H. $f = 20(15 + 6)$
 I. $f = (20 \times 15) + (10 \times 6)$
7.  **GRIDDED RESPONSE** The ratio of boys to girls at a rock concert was about 7 to 6. If there were 1,092 boys at the rock concert, how many girls were there?
8. What value of x makes this equation true?
- $$4x = 44$$
- A. 14 C. 22
 B. 13 D. 11

9. **THINK SOLVE EXPLAIN** **SHORT RESPONSE** A movie theater has 26 rows of seats with an equal number of seats in each row. The theater can seat a total of 390 people. Solve the equation $26x = 390$ to find the number of seats x that are in each row.

10. Which of the following diagrams represents 80%?



11. The rates for renting a jet ski are shown.

East Lake Rentals	
Weekday cost per hour	\$95
Weekend cost per hour	\$110

Which expression could be used to find the cost of renting a jet ski for 3 hours on Friday and 2 hours on Saturday?

- A. $5(95 + 110)$
- B. $3(95) + 2(110)$
- C. $3(95) \times 2(110)$
- D. $(3 + 95) \times (2 + 110)$

12. **THINK SOLVE EXPLAIN** **SHORT RESPONSE** During a vacation, Alice went fly-fishing. She rented a driftboat.

Rick's Rental	
fishing rod	\$12
driftboat	\$8/hour

If she spent a total of \$96, write and solve an equation to find how many hours she rented the boat.

13. **THINK SOLVE EXPLAIN** **EXTENDED RESPONSE** Mr. Martin and his son are planning a fishing trip to Alaska. The rates of two companies are shown.

Wild Fishing, Inc.
Per Person Rates
Round-Trip Flight \$200 / Daily Rate \$25

Fisherman's Service
Per Person Rates
Round-Trip Flight \$150 / Daily Rate \$30

Part A Which company offers a better deal for a three-day trip for Mr. Martin and his son? What will be the cost?

Part B Which company would charge \$700 for 6 days for both of them?

Part C Write an expression to represent the cost of the trip for Mr. Martin and his son for each company.