


Standardized Test Practice

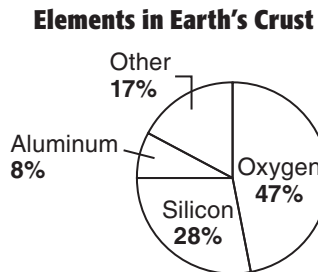
Read each question. Then fill in the correct answer on the answer sheet provided by your teacher or on a sheet of paper.


1. At Medina Middle School, 2% of the students ride bikes to school. If 950 students attend Medina Middle School, how many students ride a bike to school?

Transportation to School	Percent of Students
Ride a bus	73
Ride a bike	2
Walk	7
Parents drive	18

- A. 17
B. 18
C. 19
D. 20
2. The formula $C = \frac{5}{9}(F - 32)$ can be used to convert a temperature from degrees Fahrenheit to degrees Celsius. Which of the following is closest in value to $\frac{5}{9}$?
- F. 5.9
G. 4
H. 1.8
I. 0.56
3. Sanford's Shoe Store received a shipment of shoes for its newest location. The manager determined that 35% of the shoes were athletic shoes. What fraction of the shoes were athletic shoes?
- A. $\frac{7}{20}$
B. $\frac{1}{6}$
C. $\frac{3}{8}$
D. $\frac{13}{20}$
4.  **GRIDDED RESPONSE** Mark got 18 out of 25 questions correct on his science test. What percent of the questions did he get correct?

5. The graph shows the elements found in Earth's crust. What fraction of Earth's crust is silicon?



- F. $\frac{1}{28}$
G. $\frac{7}{25}$
H. $\frac{2}{5}$
I. $\frac{1}{2}$
6. The fastest fish in the world is the sailfish. If a sailfish could maintain its speed, as shown in the table, how many miles could the sailfish travel in 6 hours?
- | Hours Traveled | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|----------------|---|----|-----|-----|-----|-----|---|
| Miles Traveled | 0 | 68 | 136 | 204 | 272 | 340 | ? |
- A. 6 miles
B. 68 miles
C. 408 miles
D. 476 miles
7.  **GRIDDED RESPONSE** Carlita planted 4 flowers in 9 minutes. About how many flowers can Carlita plant in 36 minutes?

8. What is the ratio of people to buses?

6 buses	150 people
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- F. 1:25
G. 25:1
H. 6:150
I. 156:6

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9. A school population was predicted to increase by 50 students a year for the next 10 years. If the current population is 700 students, what will the enrollment be after 10 years?
- A. 50
 B. 500
 C. 1,200
 D. 7,000
10. Pam is painting a total of 45 square feet in her bedroom. If she has painted 60% so far, how many square feet of the bedroom does Pam still need to paint?
- F. 30
 G. 27
 H. 18
 I. 10
11. A class of 26 students ordered the items shown in the table.

Quantity	Item	Unit Price
27	Doughnut	\$1.25
5	Gallon of orange juice	\$1.99
1	Package of napkins	\$1.50

If the class agreed to split the cost evenly, about how much will each student pay?

- A. \$3.00
 B. \$2.50
 C. \$1.50
 D. \$1.00

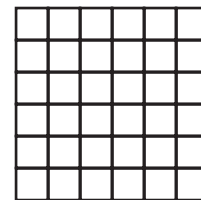
12. **THINK SOLVE EXPLAIN** **SHORT RESPONSE** Refer to the table below.

Williams Family Budget	
House expenses	43%
Transportation	16%
Clothing and entertainment	12%
Food	11%
Savings account	10%
Other	8%

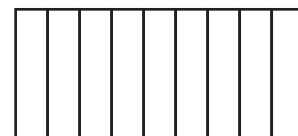
If the Williams family has a monthly income of \$3,000, how much do they spend on clothing and entertainment?

13. **THINK SOLVE EXPLAIN** **EXTENDED RESPONSE** Copy the models below. Both models have the same area.

Model A



Model B



Part A Shade 0.25 of Model A.

Part B Shade $\frac{1}{3}$ of Model B.

Part C Which model has the greater fraction of shaded area? Explain your answer.