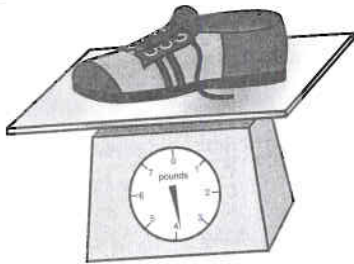


Section One: Multiple Choice

There are twelve multiple-choice questions in this section. Choose the best answer. If a correct answer is *not here*, choose the letter for Not Here.

1. The scale weighs a shoe in pounds. What is the weight of the shoe to the nearest pound?



- A 3 pounds
 B $3\frac{1}{2}$ pounds
 C 4 pounds
 D $4\frac{1}{2}$ pounds

2. $(2 \times 8) + (3 \times 8)$ is equivalent to ---
 F 6×8 .
 G 6×64 .
 H $8(2 + 5)$.
 J $8(2 + 3)$.

3. Evaluate $(3 + 4)^2 + (6 - 2)^2$.
 A 11
 B 121
 C 49
 D 65

4. How is the product $4 \times 4 \times 4$ expressed using exponents?
 F 4×3
 G 4^3
 H 3^4
 J 4^4

Please note that Questions 5–12 have five answer choices.

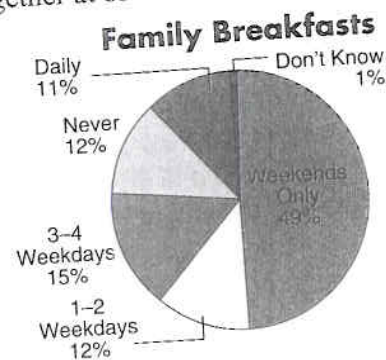
5. Mrs. Numkena and 4 of her students planned to leave a 15% tip when they had lunch. Two of the students had hamburgers, two of the students had salads, and Mrs. Numkena bought a salad and soup. What other information is needed to determine how much to leave for a tip?

- A the cost of a salad
 B the cost of hamburgers
 C where they had lunch
 D the cost of the meals
 E the time the waiter was at the table

6. During a 3-day time period, Lindsay spent \$3.00, \$3.25, and \$2.98 for her lunches. A good estimate for the total amount Lindsay spent on lunches during the 3 days is ---

- F \$7
 G \$8
 H \$9
 J \$10
 K \$11

7. The graph shows how often families eat together at breakfast.



What percent of the families did *not* say that they eat together 1–4 weekdays?

- A 27%
 B 73%
 C 60%
 D 13%
 E 64%

8. Chet had \$20 to spend at the fair. His admission was \$3.50, and he gave the cashier a \$5 bill. How much change should he receive?
- F \$1.50 G \$2.50
 H \$3.50 J \$16.50
 K Not Here
9. Robbie has saved \$11.42, Beth has saved \$12.00, and Monsa has saved \$6.78. They want to purchase a collectible baseball card that costs \$40. What total have they saved?
- A \$23.42 B \$30.20
 C \$33.68 D \$40.20
 E Not Here
10. If 33% was deducted from a paycheck for income taxes and 5% was deducted for a charitable contribution, what is the total percent deducted from the paycheck?
- F 28% G 33%
 H 38% J 43%
 K Not Here
11. When three bunches of bananas are weighed at the check-out, they weighed 2.5 pounds, 3.04 pounds, and 1 pound. What was the total weight of the bananas?
- A 3.5 lb B 5.54 lb
 C 4.04 lb D 6.04 lb
 E Not Here
12. Wesley's movie ticket cost \$5.75, and his snacks cost \$4.35. If he had \$23, how much does Wesley have now?
- F \$8.55 G \$12.90
 H \$14.50 J \$17.25
 K Not Here

Test-Taking Tip

THE PRINCETON REVIEW

Most standardized tests have a time limit, so you must budget your time carefully. Some questions will be much easier than others. If you cannot answer a question within a few minutes, go on to the next one. If there is still time left when you get to the end of the test, go back and work the questions that you skipped.

Section Two: Free Response

This section contains seven questions for which you will provide short answers. Write your answers on your paper.

13. Bonnie is reading a 186-page book. She needs to read twice as many pages as she has already read. How many pages has she read?
14. A certain number is divided by 4 and then 5 is subtracted from the result. The final answer is 25. What is the number?
15. What is the solution to the inequality $12 > t + 8$?
16. Write an equation to represent *four more than twice a number is 12*.
17. If $c = 10$ and $p = 2$, what is the value of cp ?
18. If you add 30 centimeters to Rosa's height and take a third of the sum, you have half of her younger brother Hugo's height. Hugo is 140 centimeters tall. How tall is Rosa?
19. Find the area and perimeter of a rectangle that is 2 inches wide and 5 inches long.



Test Practice For additional test practice questions, visit:

www.glencoe.com/sec/math/mac/mathnet