Name Date

Practice A

3.4

Solve the equation. Check your solution.

 1.  2.  3. 

 4.  5.  6. 

 7.  8.  9. 

 10.  11.  12. 

Write the word sentence as an equation. Then solve.

 13. A number multiplied by  is 

 14. The quotient of a number and 0.2 is 

In Exercises 15–19, write an equation. Then solve.

 15. You earn $7.50 per hour at a fast food restaurant. You earned $123.75 last week. How many hours did you work last week?

 16. Your family took a road trip on Saturday. You were in the car for
4.5 hours and averaged 70 miles per hour. How many miles did
you travel?

 17. The area of a rectangle is  square inch. The length of the rectangle is
 inch. What is the width of the rectangle?

 18. You are in a room with other students and are asked to get in groups
of 3. When finished, there are 21 groups of 3. How many students are
in the room?

 19. The perimeter of a square is 26.46 inches. What is the side length of
the square?

 20. Write a multiplication equation that has a solution of 

 21. Write a division equation that has a solution of .

Name Date

Practice B

3.4

Solve the equation. Check your solution.

 1.  2.  3. 

 4.  5.  6. 

 7.  8.  9. 

 10.  11.  12. 

In Exercises 13 and 14, write an equation. Then solve.

 13. You order an entree for $12.00. You pay $0.78 in taxes. What is the
tax rate?

 14. If a project is handed in late, you receive  of your earned points. You received 72 points on your late project. How many points did you lose?

 15. Write a multiplication equation that has a solution of 

 16. Write a division equation that has a solution of 

 17. There are 92 students in a room. They are separated into 18 groups. How many students are in each group? How many students are not in a group?

 18. A bus token costs $1.75.

 a. You spend $15.75 on tokens. Write and solve an equation to find how many tokens you purchase.

 b. If you purchase 10 tokens, you get 2 free tokens. Write and solve an equation to find the approximate reduced price of each token.

 c. You also receive free tokens if you purchase 20 tokens. The reduced price for each token is $1.40. Write and solve an equation to find how many free tokens you receive.

 19. Solve 