Name Date

Practice A

1.2

Write the product as a power.

1.  2.  3. 



4. Describe and correct the error in
writing the value of the product.

Find the value of the power.

 5.  6.  7. 

8. The amount of money in your savings account is  How much money is in your account?

Determine whether the number is a perfect square.

 9.  10.  11. 

 12. The following items are in the shape of a square. How many squares are
in each row?

 a. A waffle has 16 squares.

 b. A magic square has 49 squares.

 c. A tile game has 100 squares.

Name Date

Practice B

1.2

Write the product as a power.

4.  5.  6.

Find the value of the power.

 7.  8.  9. 



13. Describe and correct the error in writing
the value of the product.

14. The price of a car is  What is the price of the car?

Determine whether the number is a perfect square.

 15.  16.  17. 

Write the product as a power.

 18.  19.  20. 

 21. The number 75 falls between what two perfect squares?

 22. A homeowner would like to modify
the existing patio to create a square
patio, either by adding new tiles or
moving existing tiles. Each tile is
one foot square. The current patio
is shown.

 a. What is the area of the existing patio in square feet?

 b. How could the homeowner rearrange the tiles to create a square patio without adding new tiles?

 c. How many tiles must the homeowner purchase to create a patio that is
49 square feet? Can this be done without moving any of the existing tiles?