Name Date

Practice A

2.5

Multiply.

1.  2.  3. 

4.  5.  6. 

7.  8.  9. 

10. The area of Pennsylvania is 46,055 square miles. The area of Florida   
is about 1.428 times larger than Pennsylvania. What is the area of   
Florida to the nearest square mile?

11. You buy three baskets of fruit at $5.65 per basket. You hand the cashier   
a $20 bill. How much change will you get back?

Name Date

Practice B

2.5

Multiply.

1.  2.  3. 

4.  5.  6. 

7.  8.  9. 

10. The table shows the cost (in cents) of producing and   
distributing each coin for two years.

a. Which coins cost less to make than they are worth?   
Which coins cost more to make than they are worth?

|  |  |  |
| --- | --- | --- |
| Coin | 2000 | 2007 |
| Quarter | 4.38 | 9.78 |
| Dime | 1.92 | 4.09 |
| Nickel | 3.16 | 9.53 |
| Penny | 0.82 | 1.67 |

b. How much more does it cost to produce 50 of   
each coin in 2007 than in 2000?

11. A store is selling sculptures. The first week, it prices 6 sculptures at $80 each. After each week, if a sculpture is not sold, it will be priced to sell for 0.85 times the previous week’s price. The store needs to sell the 6 sculptures for a total of at least $270 to make a profit. What is the last week in which all 6 sculptures could be sold so that the store makes a profit?

12. Which is greater,  or  Explain your answer.