Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Unit 3 Review Sheet: Multiplication

1. The Ariana Grande concert has 47 rows of chairs with 83 chairs in each row. How many seats were at the concert?

2. A Multiplication problem is shown. The product is 203,148. What is the missing digit?

 5, 6 4 3

X 6

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Gabby collects one set of Pokémon cards every year. If each set contains 230 cards, how many Pokémon cards will she have after 18 years?

4. Select all the expressions that show another way to multiply 30 X 5,000

A. 3 x 5 x 104  B. 3 x 5 x 103  C. 30 x 5 x 102 D. 50 x 3 x 103 E. 30 x 50 x 101

5. Multiply 286 x 27

A. 2,465 B. 5,679 C. 7,582 D. 7,722

6. Which expression is equivalent to 60,000?

A. 60 x103  B. 5 x104  C. 6,000 x 104  D. 60 x 104

7. Greenwell completed the multiplication problem below, but made one mistake.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | *1* | *1* |  |
|  |  |  | *1* | *1* |  |
|  |  |  | **7** | **9** | **6** |
|  |  |  | **x** | **2** | **2** |
|  |  | 1 | 5 | 9 | 2 |
| + | 1 | 6 | 9 | 2 |  |
|  | ***1*** | ***8*** | ***5*** | ***1*** | ***2*** |

1. He did not add a 0 to hold place value in partial product.
2. He multiplied the first “2” incorrectly.
3. He regrouped the partial products incorrectly.
4. He multiplied the “2” in the tens place by the “7” in the hundreds place incorrectly.

8. What is the value of 5 x 105?

A. 50 B. 500,000 C. 50,000 D. 5,000