**ANSWER:**

**ANSWER:**

Find the units digit of $3^{1986}-2^{1986}$ .

How many multiples of 7 are there between 100 and 200?

10/3 **Using the Integers**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Pair Ciphering #2**

 **5 points 10 points**

10/3 **Using the Integers**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Pair Ciphering #1**

 **5 points 10 points**

**ANSWER:**

**ANSWER:**

A store sold 72 decks of cards for $a67.9b. Find a + b.

Given that $9^{6}=531441$, how would you represent 531440 in base 9?

10/3 **Using the Integers**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Pair Ciphering #4**

 **5 points 10 points**

10/3 **Using the Integers**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Pair Ciphering #3**

 **5 points 10 points**



If a set of markers in placed in rows of 4 each, there are 2 markers left over; if in rows of 5 each, there are 3 left over; and if in rows of 7 each, there are 5 left over. What is the smallest number of markers that the set could contain?

10/3 **Using the Integers**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Pair Ciphering #5**

 **5 points 10 points**

**ANSWER:**