NAME_____

Module 2 **Whole Number Operations**
Lesson 1 **Large Numbers: Addition**

Independent Practice 2.1

Add each of the following with or without manipulatives.

1.
1,475
+ 467
1,942

2.
3,258
+ 167
3,425

3.
2,243
+ 1,441
3,684

4.
9,289
+ 4,851
14,140

5.
3,157
5,146
+ 4,252
12,555

6.
8,149
6,573
+ 2,111
16,833

Add to solve each of the following with or without manipulatives.

7. Patrick owns 1,114 sports cards. Sandy owns 788 sports cards. How many total sports cards do they have?
1,902 sports cards

8. A booth at the county fair sold corndogs. On Friday night, 2,345 corndogs were sold and 1,412 corndogs were sold Saturday night. How many corndogs were sold both nights?
3,757 corndogs

9. Marcy has to reorder comic books and magazines for the bookstore where she works. She orders 4,175 comic books and 6,725 magazines for the next three months. What is the total of both the comic books and the magazines that she ordered?
10,900 comic books and magazines

10. Sharon drove 1,247 miles to see her grandmother. On the return trip, she visited a family friend and drove a total of 1,764 miles. How many miles did she drive in all?
3,011 miles

11. Last year 2,378 cats and 4,619 dogs were adopted from the animal shelter. What is the total number of cats and dogs adopted?
6,997 cats and dogs

12. A skateboard store sold 1,457 custom skate boards last year and 5,478 pre-packaged boards. How many boards were sold in all?
6,935 boards

13. Reggie is saving two files to a disk. One file is 3,476 kilobytes, and the other is 8,749 kilobytes. What is the number of kilobytes Reggie will use on the disk?
12,225 kilobytes

14. For the first six months of the year, the Mason family's total bill for cable, phone, and internet service was $1,610. They upgraded their services, and the bills for the rest of the year totaled $2,197. What is the cost of their services for the year?
$3,807

15. The homerooms at Kennedy Middle School are holding a penny drive contest. Mrs. Taylor's homeroom collected 4,318 pennies. Mr. Watts's homeroom collected 3,981 pennies. Ms. Dalton's homeroom collected 5,091 pennies. What is the number of pennies collected for the three home rooms?
13,390 pennies

16. Mark's scores for his last three decathlon competitions are below.

7,026
6,994
6,891

What is his total score for these three competitions?
20,911 points

Journal

1. Why is it important to align columns when adding numbers?
2. Explain how to add 624 and 351 using the Partial Sums Method.
3. To get into Level II of a video game, a player has to earn 3,675 points. To get to Level III a player has to earn an additional 4,850 points. How many total points does a player need to reach Level III? Show your work and explain why your answer is reasonable using estimation.

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Cumulative Review

Identify the property illustrated by each of the following.

1. $14 \times 1 = 14$
Identity Property of Multiplication

2. $12 + 3 = 3 + 12$
Commutative Property of Addition

3. $8 + 0 = 8$
Identity Property of Addition

4. $4 \times 0 = 0$
Multiplicative Property of Zero

Evaluate each of the following.

5. $6(11 - 4)$
42

6. $3(8 + 12)$
60

7. 5×8^2
320

8. $(60 - 18) - 4(2 + 5)$
14

9. $5 \times (7 + 9) - 15$
65

10. $3 + 2[6 \times 4]$
51

Possible Journal Answers

1. **If I do not align the columns, I may accidentally add digits from different place values. Aligning columns from right to left makes sure that I am adding digits from the same place value (ones, tens, hundreds, etc.).**

2. **To add 624 and 351 by the Partial Sums Method, first I add the hundreds. 600 + 300 = 900. Then, I add the tens. 20 + 50 = 70. Next, I add the ones. 4 + 1 = 5. Finally, I add the partial sums. 900 + 70 + 5 = 975.**

3. **3,675+ 4,850 = 8,525. To estimate: 3,675 is about 4,000 and 4,850 is about 5,000. Then add; 4,000 + 5,000 = 9,000, so the answer of 8,525 is reasonable.**