

MY Homework

Lesson 3

Addition Patterns

Homework Helper



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Over several years, Mrs. Bowers' students made a total of 2,367 paper cranes. This year, she challenged her students to make the new total 2,467 paper cranes. How many paper cranes do they need to make this year to meet the challenge?

Use a place-value chart to find which place changed in value.

The new number is 100 more.

$$2,367 + 100 = 2,467$$

So, this year's class needs to make 100 paper cranes.

thousands	hundreds	tens	ones
2	3	6	7
2	4	6	7

Practice

Write the number in the place-value chart.

1. 10 more than 567

hundreds	tens	ones
5	6	7

2. 1 more than 358

hundreds	tens	ones
3	5	8

3. 1,000 more than 1,529

thousands	hundreds	tens	ones
1	5	2	9

4. 100 more than 5,834

thousands	hundreds	tens	ones
5	8	3	4

Complete the number sentence.

5.

thousands	hundreds	tens	ones
1	2	7	1
2	2	7	1

$$1,271 + \underline{\hspace{2cm}} = 2,271$$

6.

thousands	hundreds	tens	ones
4	2	4	4
4	3	4	4

$$4,244 + \underline{\hspace{2cm}} = 4,344$$

Write the number.

7. 10 more than 1,465 8. 100 more than 8,699 9. 1,000 more than 3,007

Identify and complete the number pattern.

10. 2,378; 2,478; 2,578; _____; 2,778; 2,878

The number pattern is _____.

11. 5,903; 5,913; 5,923; _____; 5,943; 5,953

The number pattern is _____.



Problem Solving

12. **Mathematical PRACTICE** **Model Math** A baby horse weighed 104 pounds at birth. In one month, it gained 100 pounds. How much does the horse weigh now? Complete the number sentence to show the change.

$$104 + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Test Practice

13. Which pattern shows 100 more?

- (A) 1,456; 1,556; 1,656; 1,756 (C) 5,832; 5,833; 5,834; 5,835
(B) 4,987; 4,887; 4,787; 4,687 (D) 6,001; 7,001; 8,001; 9,001