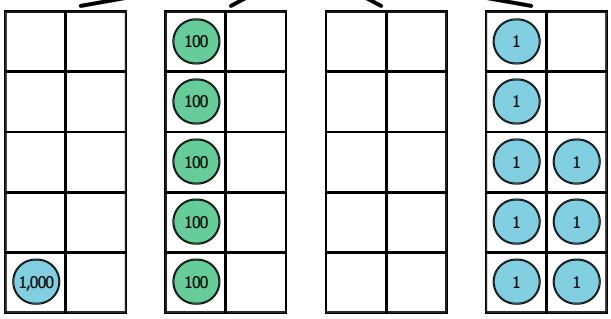
A.

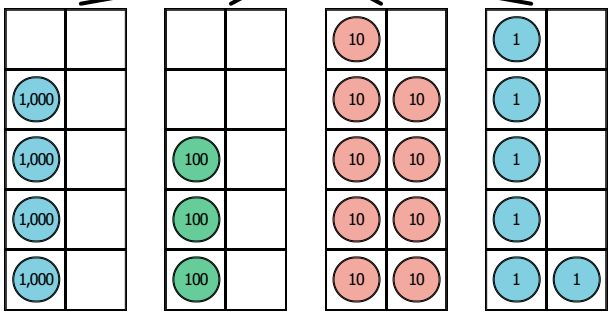
1,508



1	5	0	8
quantity	quantity	quantity	quantity
1,000	100	10	1
place value	place value	place value	place value
1,000	500	0	8
digit value	digit value	digit value	digit value

B.

4,396



quantity	quantity	quantity	quantity
place value	place value	place value	place value
digit value	digit value	digit value	digit value

A.

5,927

quantity	quantity	quantity	quantity
place value	place value	place value	place value
digit value	digit value	digit value	digit value

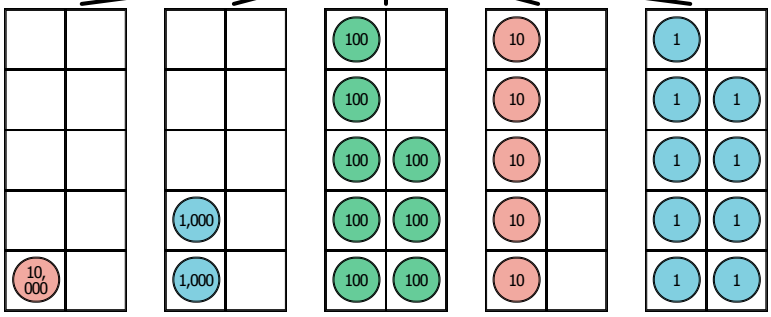
B.

3,081

quantity	quantity	quantity	quantity
place value	place value	place value	place value
digit value	digit value	digit value	digit value

A.

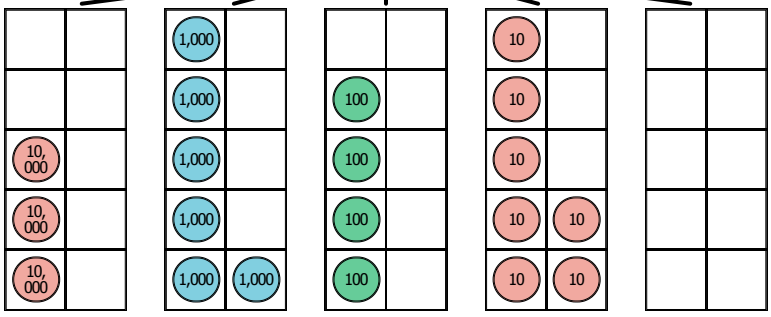
12,859



quantity	quantity	quantity	quantity	quantity
place value	place value	place value	place value	place value
digit value	digit value	digit value	digit value	digit value

B.

36,470



quantity	quantity	quantity	quantity	quantity
place value	place value	place value	place value	place value
digit value	digit value	digit value	digit value	digit value

Name:

Problem of the Day Lesson 26

When Jack sees a digit, he has trouble remembering its place value and value. Jill helps him figure out both values by looking for patterns.

a. Fill in the table below. Find and extend any patterns you see.

2 1 , 3 5 4		
Digit	Place Value	Digit Value
4		
5		
3		
1		
2		

b. Describe how Jack can figure out each place value.

c. Describe how Jack can figure out the value of the digit “2.”

Name:

MYSTERY NUMBERS

Use the digits and clues to discover the mystery numbers. No digit can be used more than once in each mystery number. Each number must have 5 digits.

Digit Bank

2 4 6 7 8

1. The largest number smaller than 46,000.

	,			

2. The smallest odd number greater than 65,000.

	,			

3. The largest number with 8 hundreds.

	,			

4. The smallest number with 4 more ten-thousands than hundreds.

	,			

5. The largest odd number with 2 fewer tens than thousands.

	,			