

# Place Value

## Skill 3 - 2C

### Review: 6-Digit Numbers

**Directions:** Follow the directions below. The first one is done for you as an example.

What is the **greatest** number you can make using all of these digits?

What is the **least** number you can make using all of these digits?

4, 7, 2, 9, 3, 5

975,432

234,579

1. 5, 8, 2, 1, 7, 3

2. 7, 8, 6, 5, 3, 2

3. 6, 3, 1, 8, 9, 4

4. 3, 9, 2, 1, 5, 7

5. 4, 9, 6, 8, 3, 7

6. 8, 1, 2, 6, 3, 5

7. 3, 2, 7, 8, 9, 1

8. 3, 5, 7, 4, 8, 1

9. 2, 4, 6, 8, 3, 5

10. 1, 3, 5, 7, 9, 2

11. 5, 3, 6, 1, 9, 8

12. 2, 9, 8, 4, 7, 6

13. 6, 3, 2, 4, 9, 7

14. 5, 1, 8, 6, 9, 4

15. 5, 6, 0, 3, 7, 3

## Answer Key 3-2C

		greatest	least
1.	5, 8, 2, 1, 7, 3	<u>875,321</u>	<u>123,578</u>
2.	7, 8, 6, 5, 3, 2	<u>876,532</u>	<u>235,678</u>
3.	6, 3, 1, 8, 9, 4	<u>986,431</u>	<u>134,689</u>
4.	3, 9, 2, 1, 5, 7	<u>975,321</u>	<u>123,579</u>
5.	4, 9, 6, 8, 3, 7	<u>987,643</u>	<u>346,789</u>
6.	8, 1, 2, 6, 3, 5	<u>865,321</u>	<u>123,568</u>
7.	3, 2, 7, 8, 9, 1	<u>987,321</u>	<u>123,789</u>
8.	3, 5, 7, 4, 8, 1	<u>875,431</u>	<u>134,578</u>
9.	2, 4, 6, 8, 3, 5	<u>865,432</u>	<u>234,568</u>
10.	1, 3, 5, 7, 9, 2	<u>975,321</u>	<u>123,579</u>
11.	5, 3, 6, 1, 9, 8	<u>986,531</u>	<u>135,689</u>
12.	2, 9, 8, 4, 7, 6	<u>987,642</u>	<u>246,789</u>
13.	6, 3, 2, 4, 9, 7	<u>976,432</u>	<u>234,679</u>
14.	5, 1, 8, 6, 9, 4	<u>986,541</u>	<u>145,689</u>
15.	5, 6, 0, 3, 7, 3	<u>765,330</u>	<u>303,567</u>

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