Compare and Order

7. Sort the numbers using the Carroll diagram below.

	Between 5 million and 10 million	Between 1 million and 5 million
Digits add to an even number		
Digits add to an odd number		

a. Eight million, six hundred thousand and forty-seven

b. 3,705,009

c. 5,025,001

d.

3,009,450

1,951,558

e. 4,905,106

VF
HW/Ext

8. Jasmin is placing these numbers in order. Where will her three remaining numbers go?

5,060,098

Three million, nine hundred thousand, two hundred and seven

2,005,804

| 2,005,094 | 2,010,798 | 3,901,350 | 3,905,270 | 5,006,150 |

Smallest   **Greatest**

VF
HW/Ext

9. Oscar is trying to complete the statement. More than one of the missing digits must be a zero.

$$2,8\;\square\;5,4\,0\,5 \;>\; 2,\square\;3\,5,\square\;9\,0$$

Investigate which digits Oscar can use to complete the statement.

RPS
HW/Ext

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Homework/Extension – Compare and Order – Year 6 Greater Depth

Homework/Extension
Compare and Order

Developing

1.

	Between 0 million and 2 million	Between 2 million and 4 million
Thousand digit 5 or less		b
Thousand digit more than 5	d and e	a and c

2. 678,452; 1,825,465; 2,385,294; 2,835,791; 2,872,619; 4,989,248; 5,396,214; 5,936,214

3. Various answers, for example: 2,871,139; 2,771,139; 2,671,139.

Expected

4.

	Between 5 million and 10 million	Between 1 million and 5 million
Odd thousand digit	a	d
Even thousand digit	b and e	c

5. 246,782; 1,078,421; 1,246,780; 3,426,139; 3,498,031; 5,408,231; 5,495,167; 6,295,301

6. Various answers, for example: 3,143,013; 3,043,113; 3,243,013.

Greater Depth

7.

	Between 5 million and 10 million	Between 1 million and 5 million
Digits add to an even number		b and d
Digits add to an odd number	a and c	e

8. 2,005,094; 2,005,804; 2,010,798; 3,900,207; 3,901,350; 3,905,270; 5,006,150; 5,060,098

9. Various answers, for example: 2,805,405 and 2,735,090; 2,805,405 and 2,035,590.

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Homework/Extension – Compare and Order ANSWERS