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Order and Compare Numbers

Use the symbols to compare the following numbers: $<$, $=$, or $>$



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2,783 2,873

3,041 3,014

9,377 9,773

1. Order the following sets of numbers from smallest to largest:

3,838; 3,883; 8,388, 8,838; 3,383

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6,701; 6,071; 1,076, 1,067; 7,016

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9,008; 8,009; 908; 8,090; 9,080

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2. Explain why $6,581 > 6,518$.

3. Explain how to order the following numbers from smallest to greatest: 4,514; 451; 4,415; 1,445; 4,414.

Order and Compare Numbers

A set of single-digit cards and a coin are required for these tasks.



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Work with a partner, checking your work together.

Compare

1. From a set of single-digit cards, deal four cards each. Use the cards to make a number.

Toss a coin. If the coin lands on heads, the greater number wins a point. If the coin lands on tails, the smaller number wins a point.

Keep a record of your score.

Write the numbers in your books with the relevant comparison symbol to keep a record.

2. Take turns to take four cards from a set.

Make a four-digit number and place it in the following grid.

Take turns to create a number. If a partner cannot put a number in the grid, the other player gains a point. Keep a record of your score.

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smallest

greatest

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smallest

greatest

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smallest

greatest

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smallest

greatest

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smallest

greatest

Order and Compare Numbers

1. Use the symbols to compare the following numbers: $<$, $=$, or $>$



34,414 34,144

56,656 56,655

10,010 11,010

2. Order the following sets of numbers from smallest to largest:

72,727; 27,727; 27,277; 77,227; 72,272

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61,234; 61,423; 6,432; 62,431; 62,143

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39,009; 30,090; 30,900; 39,090; 30,009

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3. Explain why $78,632 > 78,362$.

4. Explain how to order the following numbers from smallest to greatest: 87,878; 88,787; 88,887; 87,787; 78,778.

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Compare

1. From a set of single-digit cards, deal five cards each. Use the cards to make a number.

Toss a coin. If the coin lands on heads, the greater number wins a point. If the coin lands on tails, the smaller number wins a point.

Keep a record of your score.

Write the numbers in your books with the relevant comparison symbol to keep a record.

2. Take turns to take five cards from a set.

Make a five-digit number and place it in the following grid.

Take turns to create a number. If a partner cannot put a number in the grid, the other player gains a point. Keep a record of your score.

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smallest

greatest

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smallest

greatest

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smallest

greatest

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smallest

greatest

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smallest

greatest

Order and Compare Numbers

1. Use the symbols to compare the following numbers: $<$, $=$, or $>$



676,767 677,767

100,010 10,100

782,391 782,481

2. Order the following sets of numbers from smallest to largest:

320,023; 302,023; 323,230; 302,203; 323,203

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110,011; 101,101; 10,101; 10,011; 101,001

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785,392; 857,392; 587,392; 578,392; 758,392

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3. Explain why $382,562 > 380,652$.

4. Explain how to order the following numbers from smallest to greatest:

656,566; 665,656; 665,565; 655,556; 565,665.

Order and Compare Numbers

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Work with a partner, checking your work together.

Compare

- From two sets of single-digit cards, deal six cards each. Use the cards to make a number.
Toss a coin. If the coin lands on heads, the greater number wins a point. If the coin lands on tails, the smaller number wins a point.
Keep a record of your score.

Order

- Take turns to take six cards from a set.
Make a six-digit number and place it in the following grid.
Take turns to create a number. If a partner cannot put a number in the grid, the other player gains a point. Keep a record of your score.

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smallest

greatest

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smallest

greatest

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smallest

greatest

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smallest

greatest

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smallest

greatest

Order and Compare Numbers

Work with a partner, checking your work together.



Compare

1. Each partner writes a number on a small whiteboard or piece of paper, hidden from their partner. Each partner can ask, in turn, three questions of their partner, with yes or no answers. They then estimate whether their number is smaller or greater than their partner's number.

Keep a record of your score.

Write the numbers in your books with the relevant comparison symbol to keep a record.

Order

2. Cut out six small pieces of paper to fit the grid below. The activity is done without talking.

Each partner writes three numbers on a piece of paper, hidden from their partner. Take turns to place the numbers on the grid, keeping the numbers on the grid in order from smallest to greatest. If a partner cannot place one of their numbers, they can move an existing number on the grid instead.

The aim is to place all the numbers on the grid in the least amount of turns possible.

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smallest

greatest



1	2	3	4	5
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✂

6	7	8	9
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✂

1	2	3	4	5
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✂

6	7	8	9
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