Directions:

1. Sort the cards into piles that make sense to you. How would you categorize each of your piles?
2. What other criteria could you use to sort the cards?
3. If you have not done so already, sort the cards by type of function. Which ones were the most difficult to determine? How did you decide?
4. Sort cards 7, 11, 12, 15, 17, and 20 using two different criteria and show your results in the matrix where A1 and A2 represent one sorting classification, and B1 and B2 represent another classification.

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|  | A1 | A2 |
| B1 |  |  |
| B2 |  |  |

1. Find another set of 5-7 cards that can be sorted in two different ways to create another question like #4. Explain your categories.
2. Find cards that satisfy the analogies and explain your reasoning:
   1. Card 14 is to Card 17 as Card 12 is to Card \_\_\_\_\_?
   2. Card 5 is to Card 9 as Card 11 is to Card\_\_\_\_\_\_?
   3. Card 19 is to Card 2 as Card \_\_\_\_\_ is to Card \_\_\_\_\_\_?
3. Make up three more analogies. What ideas do your analogies target?
4. If we added the three cards below to the set, where would they go when sorting by type of relationship? Why?

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| 21. | 22. | 23. |

1. What CCSS are addressed in this task?

10. How is coherence addressed in this task?