M.5.A.1.6.2 Define/List/Identify factors and multiples of a given whole number less than or equal to 50.

|  |  |  |  |
| --- | --- | --- | --- |
| COMPONENT | TIME | MATERIALS | DESCRIPTION |
| Review 4 You | 3 min. | Student Packet | 1. **20 ÷ 5 =** 2. **20 ÷ 4 =** 3. **20 ÷ 10 =** 4. **20 ÷ 2 =** |
| Today’s Task | 2 min. | Student Packet | What factors contributed to the last argument you had with your parents? |
| Lesson | 10 min. | Lesson File  Laptop/Projector | Whole group instruction of concepts and sample problems. |
| Hands-On Center | 20 min. | Student Packet  Number Grids  Number Cards | Using a number grid-color in factors of given numbers. Grouping Activity-sort number cards by number of factors. |
| Open-Ended Center | 20 min. | Student Packet  Writing Organizer | Students complete open-ended response for word problem in student packet. |
| Practice Center | 20 min. | Student Packet | Students complete tiered practice worksheet in student packet. |
| Wrap-Up | 15 min. | Student Packet | Venn Diagram |

|  |
| --- |
| *MATH ORGANIZER* |
| *Factors Number*   |  |  | | --- | --- | | 1 x 20 | 20 | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |

|  |
| --- |
| MEMORY AID |
| Factors are what you find. Multiples are what you make!  Factors < The Number < Multiples and  F comes before M in the alphabet. |