| Monday <br> 01/08/2024 | Tuesday <br> $01 / 09 / 2024$ |
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| 7th Grade | 7th Grade |
| SNOW DAY - NO SCHOOL | SNOW DAY - NO SCHOOL |
| 8th Grade |  |
| SNOW DAY - NO SCHOOL | 8th Grade |


| - discuss/discover what a linear v. nonlinear expressions <br> - find perimeter by adding linear expressions <br> - start working on 5.5/5.6 <br> Formative (due Tuesday) | coefficients, etc. (10 Questions) <br> - take 5.1-5.5 Quiz (Go <br> Formative) <br> 3rd Period - Subtracting Linear Expressions <br> - use Quizizz Lesson to walk through examples on p. 404 406 <br> - stress that the subtraction sign is a negative sign, or negative one <br> - review vocabulary terms (constants, coefficients, like terms, etc.) <br> - finish the 5.5/5.6 Go <br> Formative <br> - Blooket to practice <br> Assessment <br> 1st Period <br> Finish 5.5 Go Formative <br> 3rd Period <br> Finish 5.5/5.6 Go Formative <br> 8th Grade <br> 4.4-Linear Functions <br> Learning Target <br> Students will be able to graph and write linear functions. <br> Standards <br> 8.F. 1 Understand that a function is a rule that assigns to each input exactly one output. The graph of a function is the set of ordered pairs consisting of an input and the corresponding output. |
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| Assessment <br> 1st Period <br> Start on 5.5 Go Formative (due Tuesday) <br> 3rd Period <br> Start 5.5/5.6 Go Formative (due Tuesday) |  |
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| dents will be able to luate functions, creat ction tables, and write |  |
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| 8.F. 1 Understand th function is a rule that |  |
| function is the set of ordered pairs consisting of an input and the corresponding output. |  |
| etween two quantities. etermine the rate of change nd initial value of the |  |


| function from a description of |
| :--- |
| a relationship or from two ( $x$, |
| y) values, including reading |
| these from a table or from a |
| graph. Interpret the rate of |
| change and initial value of a |
| linear function in terms of the |
| situation it models, and in |
| terms of its graph or a table |
| of values. |
| Instruction |
| Warm Up: \#66 |
| Vocab: function, f(x), |
| independent and |
| dependent variables |
| - review how to write |
| functions using \#12 on p. 292 |
| - I DO: 12 a |
| - We Do: 12 b |
| - They Do: 12 c and 12 d |
| - Class Practice: $4.2-4.3$ |
| Kahoot (grade will be added |
| on to assignment) |
| - work time on 4.3 WS |
| Assessment |
| 4.3 Practice Ws |

8.F. 3 Interpret the equation $y$ $=m x+b$ as defining a linear function, whose graph is a straight line; give examples of functions that are not linear. For example, the function $\mathrm{A}=$ $s^{2}$ giving the area of a square as a function of its side length is not linear because its graph contains the points $(1,1),(2,4)$ and $(3,9)$, which are not on a straight line.
8.F. 4 Construct a function to model a linear relationship between two quantities. Determine the rate of change and initial value of the function from a description of a relationship or from two ( x , $y)$ values, including reading these from a table or from a graph. Interpret the rate of change and initial value of a linear function in terms of the situation it models, and in terms of its graph or a table of values.

## Instruction

Warm Up: \#67-Talk About It Thursday

## Vocab: linear function

- Use the 4.4 Desmos Lesson - Think, Pair, Share p. 295
- discuss what values are the input's and what values are the outputs
- walk through examples 1-5 (show how to graph while making a input/output table

| - 4.4 Problem Solving WS |
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| (offer as extra credit) |
| Assessment |
| None |
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