Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block \_\_\_\_\_\_\_\_\_ HomeFUN Qrt. 3 Jan. 23 - 27, 2017

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Monday 1.23.17 (8.F.2):**  Compare the following functions to determine which has the greater rate of change:    1. Function 1 Function 2 y = 2x + 7   |  |  |  |  | | --- | --- | --- | --- | | x | -2 | 0 | 2 | | y | -3 | 3 | 9 |     2. Function 1: Mike currently has $25. His mother gives him $5 more per week.  Function 2: Ronny has $20 at the start of his day. He spends $2 on each snack that he buys.  3. Compare the following functions to determine which has a negative slope:  Function 1: y = 15 – 5x  Function 2: y = 15 + 5x |
| **Tuesday 1.24.17 (8.F.3):** Determine if each function is linear or nonlinear. Explain your reasoning.     |  |  | | --- | --- | | x | y | | 1 | 8 | | 3 | 9 | | 5 | 11 | | 7 | 14 |     y = 2x + 5 |
| **Wednesday 1.25.17 (8.F.2):** Read each question. Answer the questions that follow. |
| **Thursday 1.26.17 (8.F.2):** Read each question. Answer the questions that follow. |