CH.2, L2 – EXIT SLIP

Objective: Given an equation, I will determine and interpret the rate of change of a linear function.

Self-Assessment	I mastered the learning objective today.	I am almost there.	Need more practice and feedback.
Teacher Feedback	You mastered the learning objective today.	You are almost there.	You need more practice and feedback.

1. The distance in miles a bicyclist is from home after riding *x* hours is represented by the function $f(x) = 8x + 7$.

    i. What is the rate of change in this situation?

    ii. What does the rate of change represent?

2. Which equation would have the steepest graph? Explain your reasoning.

    a. $y = \frac{1}{2}x$

    b. $y = 3x$

    c. $y = \frac{3}{8}x$

    d. $y = -4x$

CFS:
1. Important information is highlighted and question/prompt is circled
2. When needed, equations/functions are rewritten in slope-intercept form
3. Rates of change are identified and units are include when available
4. Rates are compared with the absolute value
5. Question/prompt is addressed in a complete sentence