Word Problems – Part 2
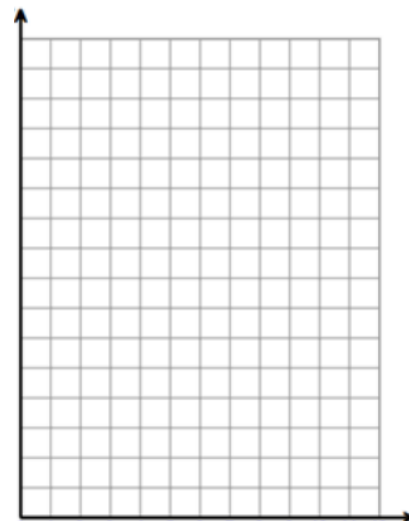
Name: _____

1. An online book club has a one-time shipping fee plus a cost per book.
    When you order 4 books the total cost is $16.
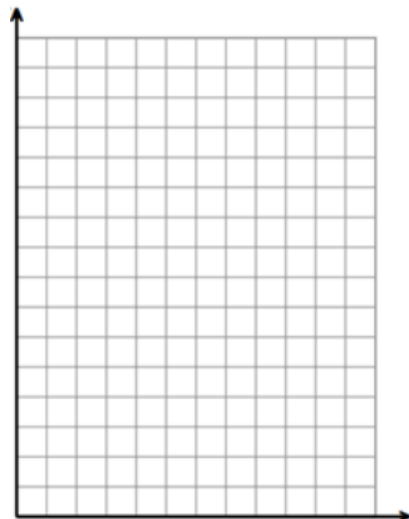   When you order 8 books the total cost is $24.
    a) Graph. Don't forget to label each axis!!!

    b) Equation: _____

    c) What is the cost per book?

    d) What is the one time shipping fee?

2. An elevator in a tall building is descending to the ground.
    After 3 seconds, it is 80 feet above ground.
    After 6 seconds, it is 50 feet above ground.
    a) Graph. Don't forget to label each axis!!!

    b) Equation: _____

    c) How long will it take the elevator to reach ground level?

3. There is an initial deposit you must pay to rent a surfboard plus the cost per day.
    The total cost for 3 days is $45.
    The total cost for 8 days is $70.
    a) Graph. Don't forget to label each axis!!!

    b) Equation: _____

    c) What is the initial cost of renting the surfboard?

    d) What is the rate per day for renting the surfboard?