

**Days  
5 & 6**

1. The number below is one you might see in your calculator.  
Re-write it using scientific notation.

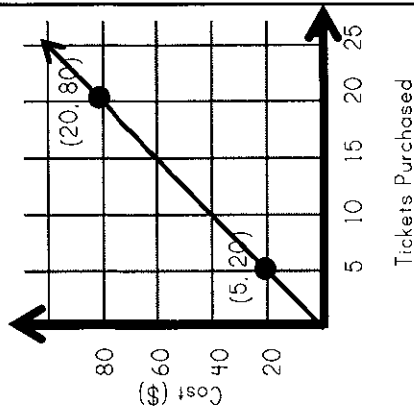
$$5.32E + 10$$

2. Write  $8.3005 \times 10^{-6}$  using standard form.

1. Write 14,062,000 using scientific notation.

2. Simplify:  $8^{-1}$

3. Write an equation for the line below.



4. What does the slope of the line in #3 mean in the context of the problem?

3. Compare using  $<$ ,  $>$  or  $=$ .

$$(-4)^2 \quad -4^2$$

4. Explain your answer to #3.

My score:

1

2

3

4

My score:

1

2

3

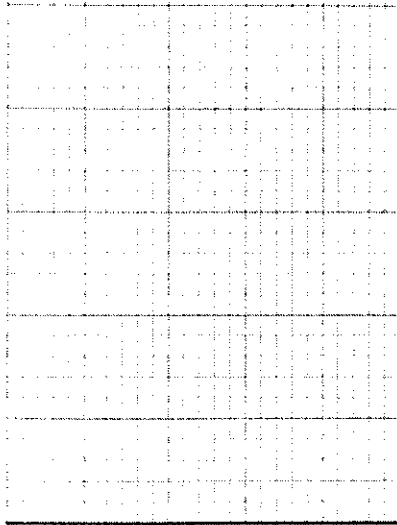
4

Dates: \_\_\_\_\_

8

**Days**  
**7 & 8**

1. You've been asked to sell tickets to the school play. There are child tickets (x) and adult tickets (y). You sell 8 total. Child tickets are \$4 each and adult tickets are \$6 each. You sold \$44 worth of tickets. Graph this system. (2 points)



2. How many of each type of ticket did you sell?

3. What is the ordered pair solution of the system?

1. The speed of light is 300 million meters per second. Represent this number using scientific notation.

2. Compare using < or >.

$8.5 \times 10^5$        $7.05 \times 10^8$

3. Simplify:  
 $(4^4) \cdot (4^{-2})$

4. Solve for x:  
 $x = \sqrt[3]{\frac{8}{125}}$

Dates : \_\_\_\_\_

My score:

1    2    3    4

My score:

1    2    3    4