

1. Simplify:
 $\frac{3^{-4}}{3}$

2. Solve:
 $5x + 3x + 10 = 3 + x$

3. Write 5.304×10^{-3} in standard form.

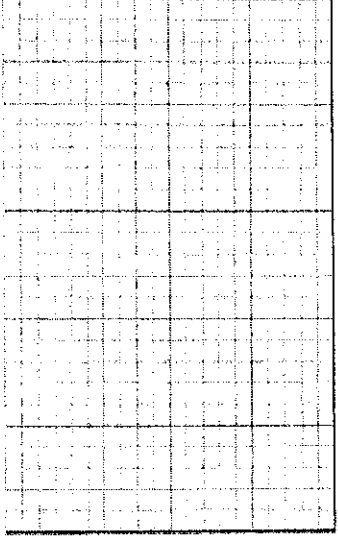
4. What do each of the given letters represent in the equation below?

$$y = mx + b$$

m =

b =

1. You are comparing kayak rental prices. Company A charges a \$50 rental fee, plus \$20 per hour. Company B charges a \$35 rental fee plus \$25 per hour. Graph the charges for both companies on the graph below. (2 points)



3. Both kayak companies cost the same at how many hours?

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

Dates : _____

My score: 1

2

3

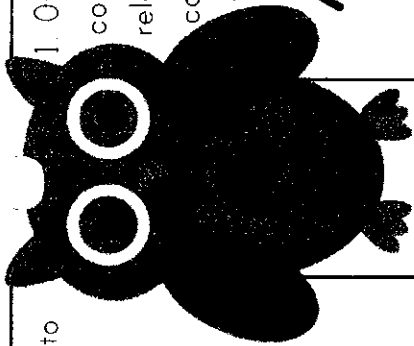
4

My score: 1

2

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Dates : -----

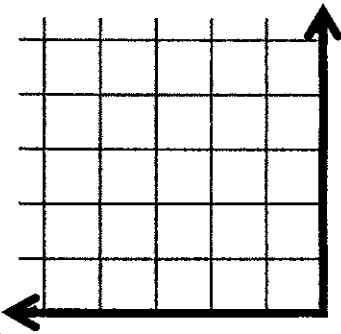
1. Simplify. Write your answer in scientific notation.
 $(5.23 \times 10^5) (2.36 \times 10^4)$

2. Which is equivalent to $(5^2)^3$
- A. $5^2 \cdot 3$
 - B. $5^2 \cdot 3$
 - C. 5^{2+3}
 - D. $5^{2 \cdot 3}$

3. Simplify:
 $\frac{(6^2)^3}{(2^2)(2^2)}$

4. Solve:
 $5(x + 3) = 20 + 15x$

1. One concert ticket costs \$21. Show the relationship between cost and the number of tickets purchased on the graph.



2. Write an equation for the scenario in #1.

3. Solve:
 $6x + 20 - x = -4x + 2$

4. What is the ordered pair solution of the equation in #3?

My score: 1 2 3 4

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