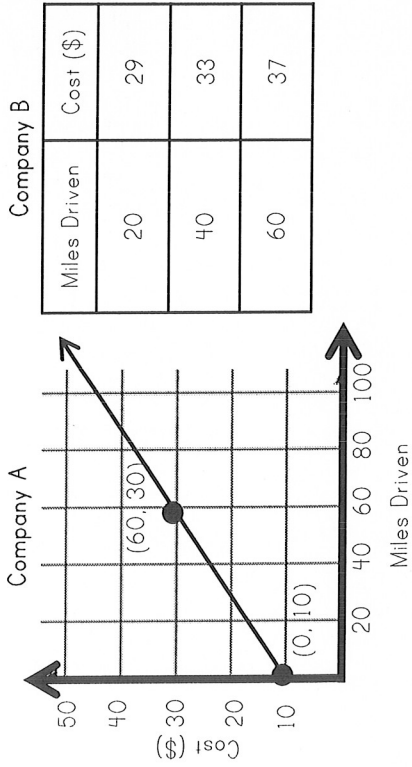


2. Compare the rental prices for two different car companies below. Which company is cheaper? Explain how you determined your answer. (2 points)



2. Determine the ordered pair solution for the system above and explain what it means in the context of the problem. (2 points)

My score: 1 2 3 4

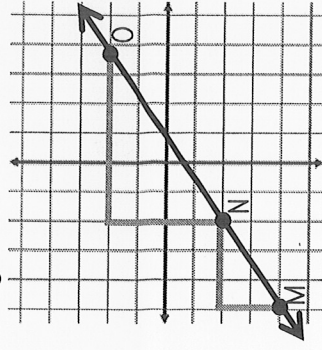
1. Circle the smallest number.

$2.25 \times 10^{-3}$

$4.6 \times 10^{-4}$

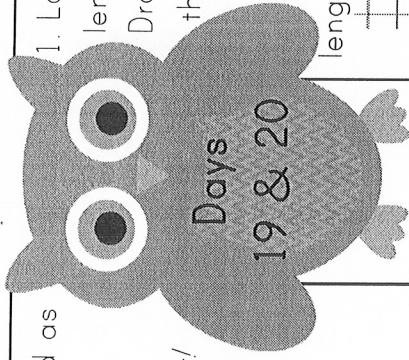
3. Solve for x:  
 $x^3 = 1,728$

4. Show mathematically why the ratio of the height and length of both triangles is the same.



My score: 1 2 3 4

----- ∞ -----  
Dates :



1. Solve for x:

$$x = \sqrt{\frac{1}{25}}$$

2. June is twice as old as Kurt. The sum of their ages is 30. How old is June? *Show your work!*

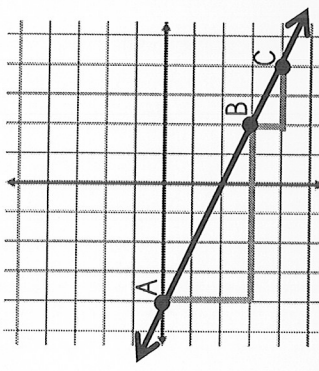
3. How many solutions are there for the system below?

$$8(3x - 2) = \frac{1}{2}(-32 + 48x)$$

4. Rachel makes \$9 per hour, plus a \$100 weekly bonus. Jenelle makes \$11.50 per hour and no weekly bonus. How many hours will they have to work before they both earn the same amount?

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

1. Label the height and length of each triangle. Draw another point on the line to make triangle DB with a different height and length.



3. Ben and Antonio sold items for a basketball fundraiser. Ben sold five more than half the number of items that Antonio sold. Together they sold 50 items. How many items did Antonio sell? *Show your work.*

4. How can you tell when two equations in a system will have no solution?

∞ ----- : Dates

My score: 1

2

3

4

My score: 1

2

3

4