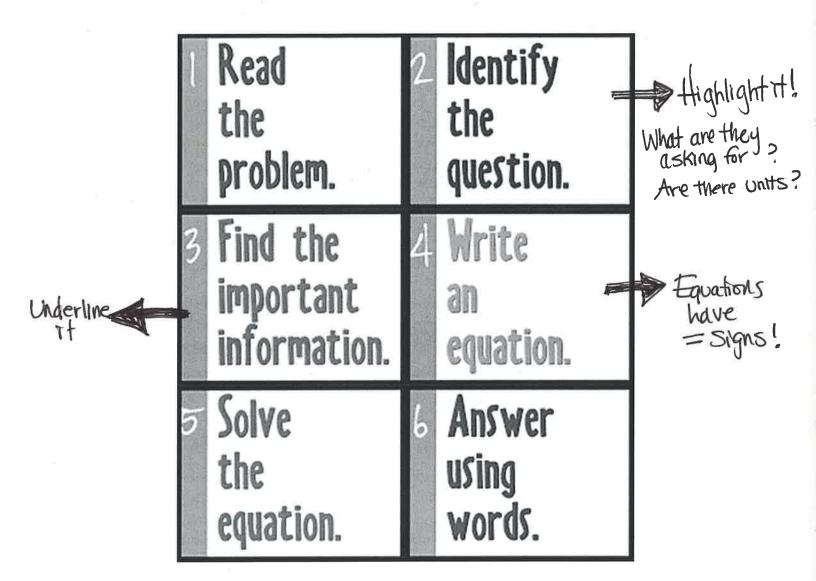
Unit 5: Equations	Name:
Lesson 6: Solving Story Problems Using Equations	Hour:
Notes 5.6	

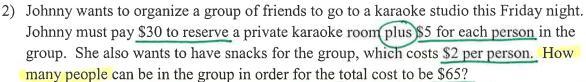


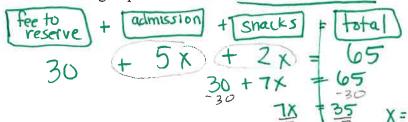
1) A family of 5 people has \$200 to spend on fishing rods and fishing licenses. They spend a total of \$20 on licenses. Assuming they buy 5 identical rods, which is the maximum amount they can spend on each rod?

Rods + Licenses = Total

$$5x + 20 = 200$$
 $-20 = 180$
 $5x = 36$

They can spend \$ 36 on each rod





in the

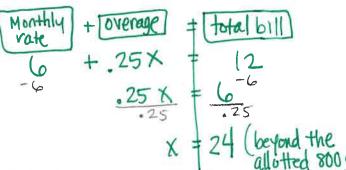
3) Justin Bieber got his hair cut and bought some hair gel from his hairdresser for a total of \$250. The haircut was \$175 and the hair gel tubes were \$6.25 each. How many tubes of

hair gel did he buy?

haircut + gel = Hota

$$175 + 6.25 \times = 250$$
 -175
 $6.25 \times = 75$
 6.25

4) The Saline Department of Water charges a monthly fee of \$6 for 800 gallons of water used. You are also charges \$0.25 per gallon of water for each gallon over 800 gallons. Last month, your family's water bull was \$12. How many total gallons of water did your family use last month?



5) A class of 42 students and 2 teachers plan a trip to Tim Hortons. The class has raised \$214 for the trip. It is \$3 for each person to go and bus rental is \$55. With the remaining money, the class can invite guests to fill the remaining seats on the bus. Find the number guests the class can invite.

Homework: "What is Green and Famous?" wkst.