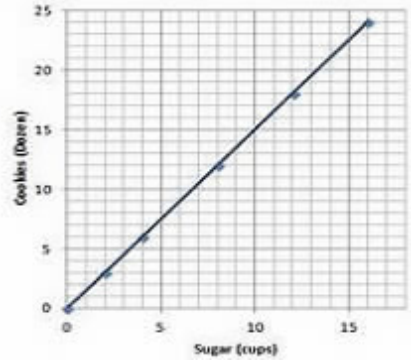
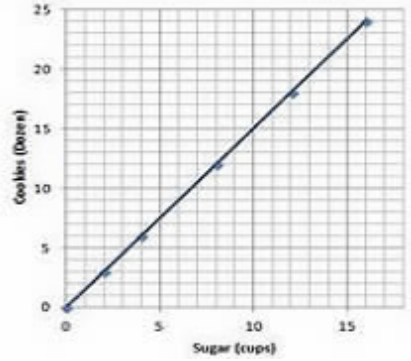
Power Standard 1: Apply properties to expressions	Power Standard 2: Identify ordered pair proportions
Represent the following expression as one rational number. Show and explain your steps. $4\frac{4}{7} - \left(4\frac{4}{7} - 10\right)$ Effort	Below is a graph modeling the amount of sugar required to make Grandma's special chocolate chip cookies. Record the coordinates from the graph. How many cookies will 10 cups of sugar make?  Effort
Power Standard 1: Apply properties to expressions	**Power Standard 2: Identify ordered pair proportions**
Represent the following expression as one rational number. Show and explain your steps. $4\frac{4}{7} - \left(4\frac{4}{7} - 10\right)$ Answer	Below is a graph modeling the amount of sugar required to make Grandma's special chocolate chip cookies. Record the coordinates from the graph. How many cookies will 10 cups of sugar make?  Answer

FIMmathematics | **WARM-UP**# 3 Name: _____

Power Standard 3: Solve varied rational numbers	Power Standard 4: Solve multi-step problems
Larry invests $100 in a savings plan. The plan pays $4\frac{1}{2}\%$ interest each year on his $100 account balance. How much money will Larry earn in interest after 3 years? Solve and explain why your solution is reasonable. Effort	You buy a sweatshirt for $25 over the weekend and see the same sweatshirt the next weekend, but now it is 30% off. How much would you have saved if you bought the sweatshirt the next weekend? Explain your thinking. Effort
Power Standard 3: Solve varied rational numbers	**Power Standard 4: Solve multi-step problems**
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FIMmathematics | **WARM-UP**# 3 Name: _____

Power Standard 5: Divide rational numbers	Power Standard 6: Solve real world inequalities
Divide. Show your thinking. $-42 \div 7$ Effort	The cost of renting a car is $25 per day plus a one-time fee of $75.50 for insurance. How many days can the car be rented if the total cost is to be no more than $525? Write and solve an inequality to find the solution, and graph the solution on a number line. Effort
Power Standard 5: Divide rational numbers	Power Standard 6: Solve real world inequalities
Divide. Show your thinking. $-42 \div 7$ Answer	The cost of renting a car is $25 per day plus a one-time fee of $75.50 for insurance. How many days can the car be rented if the total cost is to be no more than $525? Write and solve an inequality to find the solution, and graph the solution on a number line. Answer

FIMmathematics | **WARM-UP**# 3 Name: _____

Power Standard 7: Add and subtract	Power Standard 8: Identify a constant
Suppose you received $15 from your aunt on your birthday. You spent $6 on candy. Using addition, how would you write an equation to represent this situation? Solve the equation and show your work. Effort	There are 3 cans that store 9 tennis balls. The equation that represents this relationship is below. What is the constant of proportionality? $B = 3C$ Effort
Power Standard 7: Add and subtract	Power Standard 8: Identify a constant
Suppose you received $15 from your aunt on your birthday. You spent $6 on candy. Using addition, how would you write an equation to represent this situation? Solve the equation and show your work. Answer	There are 3 cans that store 9 tennis balls. The equation that represents this relationship is below. What is the constant of proportionality? $B = 3C$ Answer