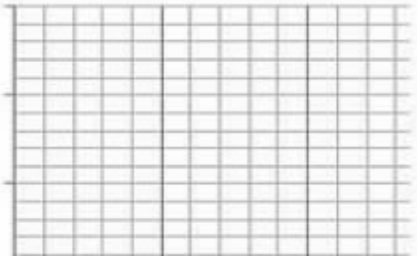
Power Standard 1: Apply properties to expressions	Power Standard 2: Identify ordered pair proportions
Represent the following expression as one rational number. Show and explain your steps. $80 + \left(-22\frac{4}{15}\right)$ **Effort**	The following table shows the amount of candy and price paid. Graph the relationship and figure out the maximum amount of candy you could buy with $60. **Amount of Candy (in pounds)** | 2 | 3 | 5 **Cost (in dollars)** | 5 | 7.5 | 12.5  **Effort**
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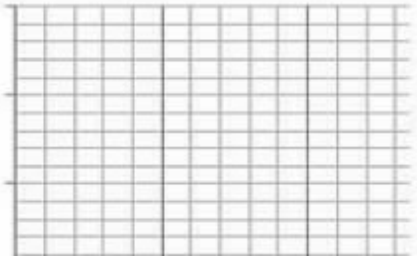
Represent the following expression as one rational number. Show and explain your steps. $80 + \left(-22\frac{4}{15}\right)$ **Answer**	The following table shows the amount of candy and price paid. Graph the relationship and figure out the maximum amount of candy you could buy with $60. **Amount of Candy (in pounds)** | 2 | 3 | 5 **Cost (in dollars)** | 5 | 7.5 | 12.5  **Answer**

Power Standard 3: Solve varied rational numbers	Power Standard 4: Solve multi-step problems
Silvio earns 15% for each car sale he makes while working at a used car dealership. If he sells a used car for $2,000, what is his commission? Solve and explain why your solution is reasonable. Effort	The sports store sells rollerblades for $135. The store buys the rollerblades at a cost of $80. What is the mark-up percentage? Explain your thinking. Effort
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Power Standard 5: Divide rational numbers	Power Standard 6: Solve real world inequalities
Divide. Show your thinking. $\frac{5}{6} \div -\frac{2}{3}$ Effort	Sally's bank account has $650 in it. Every week, Sally withdraws $50 to pay for her dog sitter. What is the maximum number of weeks that Sally can withdraw the money so there is at least $75 remaining in the account? Write and solve an inequality to find the solution, and graph the solution on a number line. Effort
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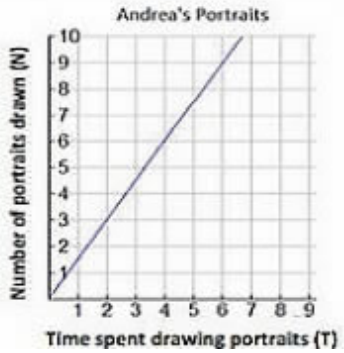
Power Standard 7: Add and subtract	Power Standard 8: Identify a constant
Suppose you earned $25 mowing the lawn. Then you spent $12 on dinner. Using addition, how would you write an equation to represent this situation? Solve the equation and show your work. Effort	The graph below shows the relationship between the time spent drawing portraits (T) to the number of portraits drawn (N). Determine the constant of proportionality, and explain what it means in this situation.  Effort
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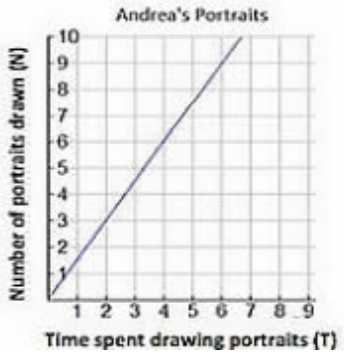
Suppose you earned $25 mowing the lawn. Then you spent $12 on dinner. Using addition, how would you write an equation to represent this situation? Solve the equation and show your work. Answer	The graph below shows the relationship between the time spent drawing portraits (T) to the number of portraits drawn (N). Determine the constant of proportionality, and explain what it means in this situation.  Answer