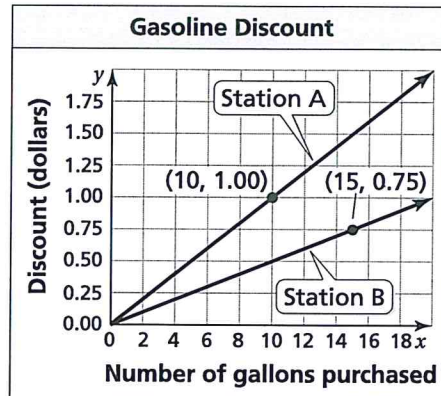


CCSS
7.RP.3

Gas Stations

For use after Section 3.7

The discount on gasoline when using a prepaid gas card at two different gas stations is proportional to the number of gallons purchased, as shown in the graph.



- Which gas station gives a greater discount per gallon of gasoline? Justify your answer.
- You use a gas card to purchase 12 gallons of gasoline at Station B. How much would you have saved by using a gas card to purchase 12 gallons at Station A?
- Gas costs \$3.70 per gallon at both gas stations. The federal government receives \$0.184 in taxes for each gallon of gasoline sold. You use your gas card to purchase \$45 of gas at Station A. How much did the federal government receive in taxes for your purchase?
- In Exercise 3, you used a \$100 gas card that you purchased with a credit card. The credit card gave you a 5% rebate on the purchase. Including this rebate, what did you actually pay for each gallon of gasoline in Exercise 3?