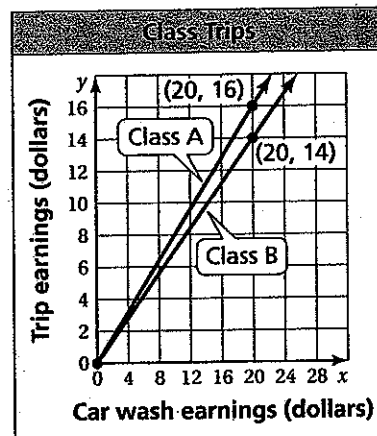


7. Two classes have car washes to raise money for class trips. A portion of the earnings will pay for using the two locations for the car washes. The graph shows that the trip earnings of the two classes are proportional to the car wash earnings.

- Express the trip earnings rate for each class as a percent.
- What trip earnings does Class A receive for earning \$75 from the car wash?
- How much less does Class B receive than Class A for earning \$75 from the car wash?



You made a sketch of the school mascot. Your sketch has a height of 2 inches and a width of 4 inches. Describe the proportions you would use to make a mural of your sketch on a wall in your school. What would be the dimensions of your mural?

12. To prepare an aquarium for use, you can clean it with a saltwater solution. The amount of salt varies directly with the volume of the water. The solution has 2 teaspoons of aquarium salt for every gallon of water.
- How many teaspoons of aquarium salt are needed for 5 gallons of water?
  - Write an equation that relates  $x$  gallons of water to  $y$  teaspoons of salt.
  - Use the equation to find the number of gallons of water to use for 12 teaspoons of salt.