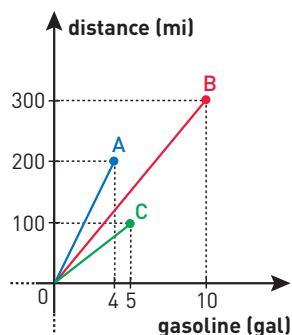**YOU & MATHS** **Efficiencies of cars** You can measure a car's efficiency in miles (mi) per gallon (gal). Car A gets 200 miles with 4 gallons; car B gets 300 miles with 10 gallons; and car C gets 100 miles with 5 gallons. Draw graphs (distance against gas used) for each type of car and determine which type is the most efficient. Explain your reasoning.

The graph for car A is the most sloped, so this is the most efficient car. In other words, it is the car that gets the most miles per gallon of gasoline.