

You probably set up a rate incorrectly. The first potter's rate is  $\frac{15}{5}$  or 3 mugs per hour. The second potter's rate is  $\frac{12}{3}$  or 4 mugs per hour. Find their combined rate. Find a fraction that represents the rate for the new job in mugs per hour. Set these two numbers equal and solve the equation. The correct answer is 9 hours.