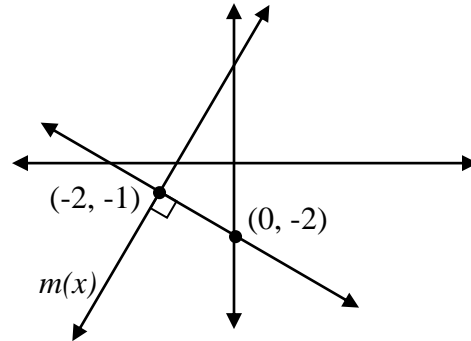


Unit 2 Assessment
Quiz 5a: Section 2.3

1. A college uses the formula $T(c) = 4000 + 95c$ to determine the quarterly tuition, T , to charge students taking c credits. Interpret this equation (in other words, explain the meaning of the slope and intercept as a part of a sentence).
2. Find an equation for the line $m(x)$.



3. In 2008, the *Somecity Times* sold 120,000 newspapers and had 60,000 people reading online. Their online readership has been increasing by 8,000 people each year, while their paper sales have decreased by 6,000 papers a year. In what year will online readership exceed paper sales?