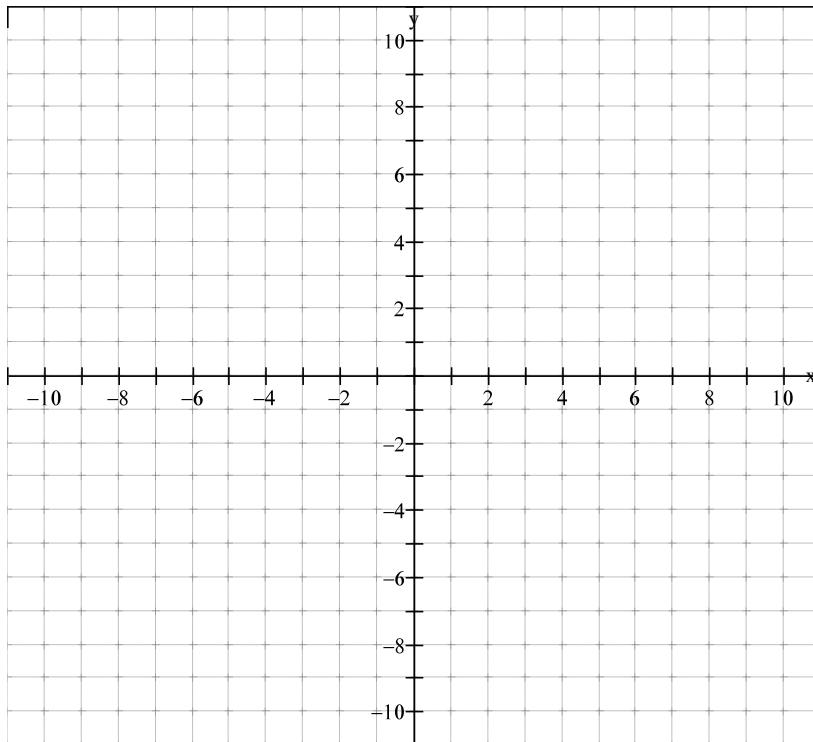# Lesson 9: Applying Analytic Geometry to Real-Life Situations

Warm-Up

1. Graph the lines $y = 4x - 5$ and $y = -3x + 2$ to find the point of intersection.

2. Write the following situations as algebraic equations. Remember to define your variables:

   a. A monthly fee of $19.99 for your cell phone plus the cost per text ($.15).

   b. The flat fee for a taxi ride ($3.40) plus the cost per kilometre ($1.80)

Lesson: Real Life Situations and Restrictions Handout

Homework: Page 115 #1-4, 5bcd, 6ad, graph, f, 7ad, graph, f