

- 4) Ted and Tom are saving money. Tom has saved \$1,477 and saves 64 more dollars each pay day. Ted has saved \$948 and saves 87 more dollars each pay day. How many days until they have saved the same amount? How much would they have saved?
- 5) The Slow Fix auto shop charges \$28 for parts and \$48 per hour of labor. The We Work Cheaper auto shop charges \$59 for parts and \$44.90 per hour of labor. How many hours until they charge the same amount? What would that cost be?
- 6) Each month the Midwest cell phone company has an operating fee of \$28.55 and charges \$0.48 per minute of calls. Each month, the Drop-Yo-Call Corporation has an operating fee of \$59 and charges \$0.19 per minute of calls. After how many minutes would the charges be the same? How much would they both charge? (Solve by graphing)
- 7) Two countries are keeping track of the cost of a barrel of oil in their country. In country A, a barrel of oil costs of \$40.05 and the price increases \$0.08 each day. In country B, a barrel of oil costs \$48.74 and the price decreases \$0.03 each day. After how many days would the price be equal? What would that price be? (Solve by graphing)