

## Instructions

The mePhone and mePhone2 don't work alone. You have to subscribe to a cell phone plan to use them. Here are details on the calling plans you can choose from:

**Pay As you Go:**

\$0.15 per minute, no flat rate

**9-90-90 Plan:**

\$9 per month gets you 90 minutes. For talk over 90 minutes, you pay \$0.90 per minute.

1. Which plan is better? Well, it depends on how much you use your phone to make calls. Use a table graph, and/or equation explain which plan is better for each person:
  - a) Talkative Ted who talks for 520 minutes or more each month.
  - b) Taciturn Tina who only talks for 15 minutes per month.
  - c) Typical Terrance who talks for 80 minutes per month.
  
2. Write an equation showing how much you will pay for each plan if you talk for  $m$  minutes each month. (Hint: you will need two "rules" to describe how the 9-90-90 plan works—one for the part less than or equal to 90 minutes and one for the part over 90 minutes.)