

Can you hear me now?

It is time to update your cell phone plan. Your parents have given you the opportunity to decide which plan is best for you and them!



Below are the various cell phone companies and their calling plans. Create a table of values and a graph showing the costs of each plan **for a single month.**

Then write a brief summary answering the following questions.

1. Create an equation for each cell phone plan. Let “ x ” represent the number of minutes used for the month and “ y ” represent the cost in dollars (\$).
2. Identify the slope in each equation, and state what the slope represents in terms of the cell phone plans.
3. Identify the y -intercept in each equation, and state what the y -intercept represents in terms of the cell phone plans.
4. Decide which cell phone plan you would recommend to your parents for them to buy for you. Explain why you chose that particular plan. Refer to information created in the Table of Values/Graph. Be specific.

CELL PHONE PLANS:

1. **AT&T:** Free cell phone. \$35 per month, 0 free minutes, and \$0.50 per minute phone use, unlimited texting.
2. **Verizon:** Free cell phone. \$25 per month, 0 free minutes, and \$0.75 per minute, unlimited texting.
3. **T-Mobile:** Free cell phone: No monthly charge, no free minutes. \$1.00 per minute, unlimited texting.

