



Verizon Wireless

Topic: Graphing Equations

Check out our new America's Choice plan....

For \$59.99 a month, you can receive 1000 daytime minutes and unlimited evening and weekend minutes! Along with this, comes a free phone with accessories such as voicemail, three-way calling, ring tones and speakerphone just to name a few!

**** A charge of \$0.25 per minute will apply if you exceed your included minutes.****



Alltel

Check out our new National Freedom plan....

For \$39.99 a month, you can receive 800 daytime minutes and unlimited evening and weekend minutes! Included in this plan is a free phone with accessories such as caller ID, 3-way calling, ring tones and speakerphone just to name a few!

**** A charge of \$0.40 per minute will apply if you exceed your included minutes.****



Cingular Wireless

Check out our new Nation 800 plan....

For \$49.99 a month, you can receive 900 daytime minutes and unlimited evening and weekend minutes! Included in this plan is a free phone with accessories such as caller ID, free in-calling, ring tones and speakerphone just to name a few!

**** A charge of \$0.25 per minute will apply if you exceed your included minutes.****



**YES, WE'RE
ALL VERY
INTERESTED
IN WHAT
YOU'RE HAVING
FOR DINNER
TONIGHT.**

(Please keep phone conversations to yourself.)



Sprint PCS

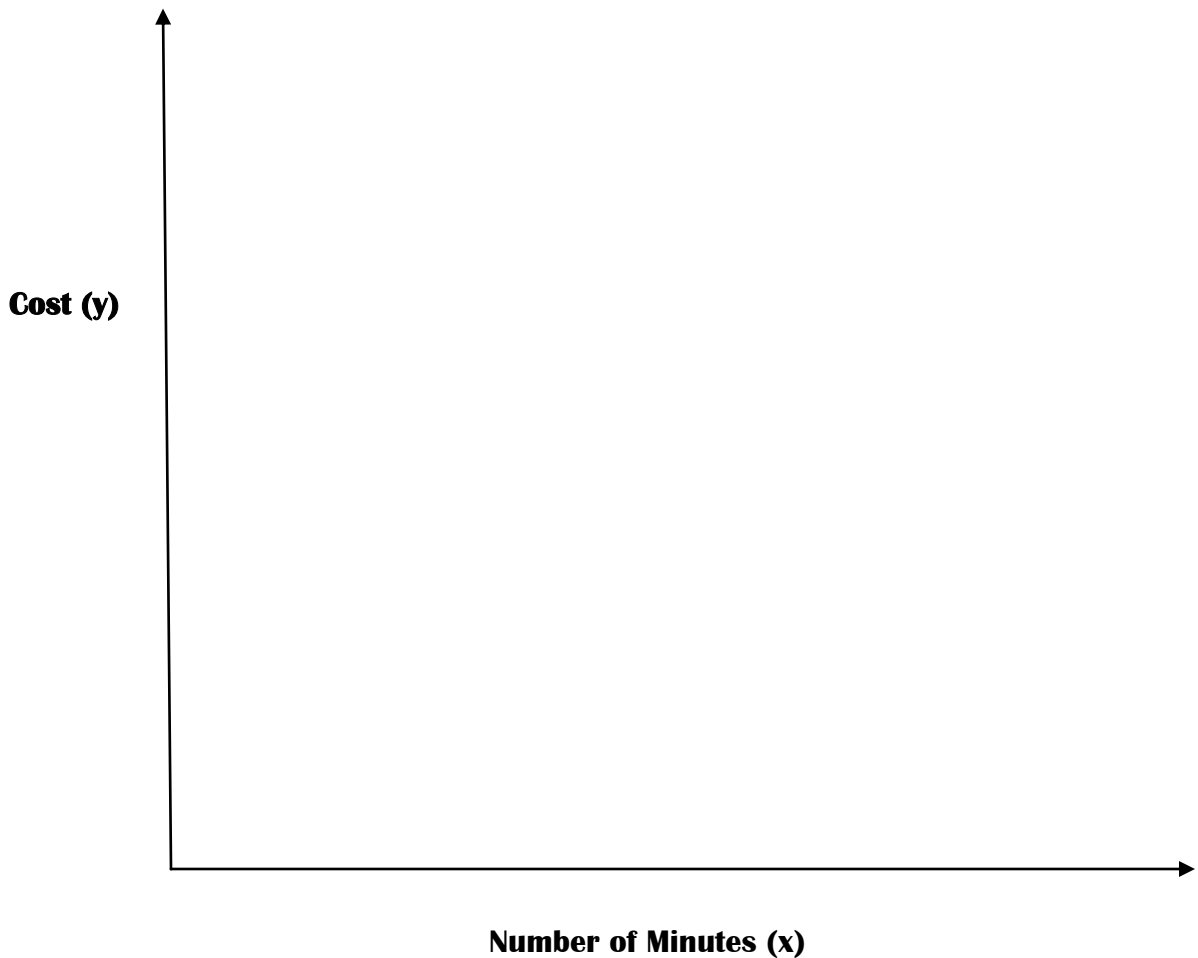
Check out our new fair and flexible America plan....

For \$99.95 a month, you can receive UNLIMITED minutes DAY AND NIGHT!! Along with this, comes a free phone with accessories such as text messaging, direct talk, ring tones and speakerphone just to name a few!

Use the 4 advertisements shown to answer the following questions.

1. Create an equation to calculate the cost of each company's monthly cell phone bill. (You will have 4). Graph these equations to show the cost if you go over each plan by: 0 minutes, 30 minutes, 60 minutes, 90 minutes. You can either use the slope-intercept form or create T charts to graph these. All 4 equations (lines) need to be on the same graph, in different colors, and labeled by company.

COMPARING CELL PHONE COMPANY MONTHLY PLANS



2. Which plan appears to be the best for someone who never goes over their minutes? How do you know?

3. Which plan appears to be the best for someone who, on average, uses 500 minutes a month? How do you know?

4. Which plan appears to be the best for someone who, on average, uses 1000 minutes a month? How do you know?

5. Which plan appears to be the best for someone who, on average, uses 1500 minutes a month? How do you know?

Grading Rubric

4 equations graphed correctly on the coordinate plane _____ **(10)**

5 follow up questions _____ **(5)**

Total _____ **(15)**