


Rating Rate Plans

Sample Customers - Handout

Instructions

Here is how Mobile Services, Inc. calculates what to charge customers. Please determine how much Karyn, Nathan, Tara, and Matt would owe the company when they get their monthly bills.



Mobile Services, Inc.

| | |
|--|--|
| Voice calls: <i>Family Tree Plan 900</i> \$69.99/month for 900 minutes What if you go over 900 minutes? \$.10 per minute added to the standard \$69.99 charge: $.1(m - 900) + 69.99$ | Text messages: <i>Message More Plan</i> \$30.00/month for 300 text messages What if you go over 300 text messages? \$.05 per message added to the standard \$30.00 charge: $.05(t - 300) + 30$ |
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POSTER PROBLEMS - RATING RATE PLANS SLIDE #1

Customer #1: Karyn
 Karyn uses 50 minutes on calls each month but sends twice as many text messages.

Customer #2: Nathan
 Nathan uses 3 times the number of minutes Karyn uses each month. However, he doesn't send text messages at all.

Customer #3: Tara
 On average, Tara uses 500 text messages every month and 200 minutes of talk time

Customer #4: Matt
 Matt uses half the number of texts compared to Tara but his voice calls average 1000 minutes per month.

| | Voice Charge | Text Messages Charge | Total |
|---|--------------|----------------------|-------|
| #1: Karyn _____ minutes voice _____ text messages | | | |
| #2: Nathan _____ minutes voice _____ text messages | | | |
| #3: Tara _____ minutes voice _____ text messages | | | |
| #4: Matt _____ minutes voice _____ text messages | | | |