

Name:

P/S	R/P	Com	Con	Rep	A/Level

Calling Plans O

Calling Plans

A family of four uses about four hundred minutes of outgoing calls and four hundred minutes of incoming calls each month. They want to select one of the phone companies listed below that will cost the family the least amount of money.

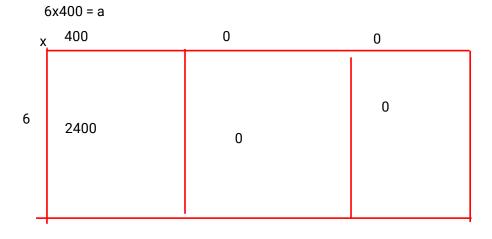
Phone Company Outgoing Call Rate Incoming Call Rate Monthly Fee

Friendly Phone 6 cents a minute 25 cents a minute \$3.95

Chatter 9.8 cents a minute 19.2 cents a minute \$4.95

Phone A Lot 8.9 cents a minute 24 cents a minute NONE

Decide which plan the family should select. Use the greater than, less than, and equal signs in your solution to help convince the family which plan costs the least. Which plan should the family select? Show all your mathematical thinking.



400x2=800 (2) 800+800=1600 (4) 1600+800=2400 (6)

