

You are choosing between two long distance telephone plans.

Plan A has a monthly fee of \$20 with a charge of \$ 0.05 per minute for all long distance calls. Plan B has a monthly fee of \$ 5 with a charge of \$ 0.10 per minute for all long distance calls.

1. For what number of minutes of long-distance calls will the costs for the two plans be the same? What will be the cost for each plan?
2. If you make approximately 10 long-distance calls per month, each averaging 20 minutes, which plan should you select? Explain your answer.
3. If you make approximately 10 long-distance calls per month, each averaging 40 minutes, which plan should you select? Explain your answer.



## Plan B

Minutes on long-distance phone	Monthly cost (\$)	(Minutes, Cost)
0		
100		