Santa Teresa Cell Phone Co. offers two plans to their customers. The first plan (plan A) is unlimited call and texting service for $59.99 a month. The second plan (Plan B) is a limited plan for $29.99 a month plus 0.10 per text message.

**a.** For what number of minutes a month are the costs of the plans equal & how is this represented on the graph?

**b.** Find when the costs of plan A are less than the costs of plan B.

c. Find when the costs of Plan B are less than the costs of Plan A.

**d.** Find the number of minutes when the cost of Plan A is less than the cost of Plan B. Explain your method.