



# Convert Customary Units of Length

**CA Standards**  
 MG 1.1, MG 1.4

Use the table to solve the problems.

- How many feet long is each end zone? What is the combined length, in feet, of the field's two end zones?

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- Give the width of the goal post crossbar using only yards and inches.

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- How many times longer is the field than the end zone?

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- Is the football field 3 feet long, 30 feet long, or 300 feet long? Explain your choice.

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- Tyler says that the football field is wider than it is long. What mistake did he make?

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Professional Football Measurements	
Height of Goal Post Crossbar	10 feet
Length of Ball	11 inches
Length of End Zone	10 Yards
Length of Field	100 yards
Width of Field	160 feet
Width of Goal Post Crossbar	$18\frac{1}{2}$ feet

**Show your work.**

- Suppose you laid 300 footballs end-to-end beginning at one end of a football field. Would you reach the other end of the field? Explain.

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