At Cowpens Battlefield, Morgan formed his troops in three lines straddling the road. The linear formation of troops charged enemy targets while firing in unison. Using your knowledge of linear lines and domain restrictions, create three equations to represent Morgan's lines. Then graph your model to see how it compares.

Washington's Calvary

Howard's Continentals

Pickens's Militia





## Extension:

Why did Morgan's Army benefit from the linear formation? (Read the park brochure)

Research other battles in the southern campaign, Kings Mountain and Ninety Six, and explain their tactics. Did they utilize a linear formation or something different? How did the terrain effect their strategy?

At Cowpens Battlefield, Morgan formed his troops in three lines straddling the road. The linear formation of troops charged enemy targets while firing in unison. The equations of the main lines are given. Create appropriate domain restrictions to model the battlefield. Then graph your model to see how it compares.

<u>Washington's</u>	<u>Howard's</u>	<u>Pickens's</u>	<u>Tarelton's</u>
<u>Calvary</u>	<u>Continentals</u>	<u>Militia</u>	<u>Front line</u>
$y = \frac{3}{2}x + 18$	$y = \frac{5}{3}x + 11$	y = 2x - 3	y = 3x - 20





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