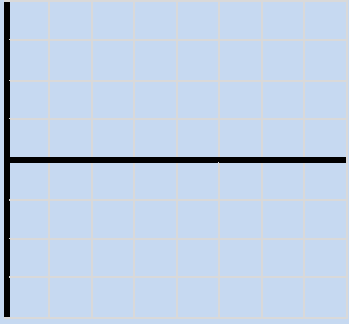
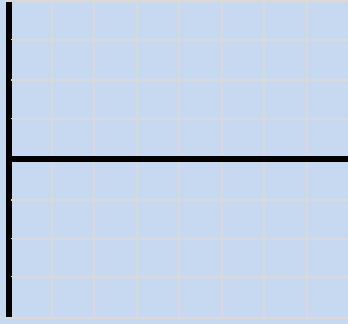
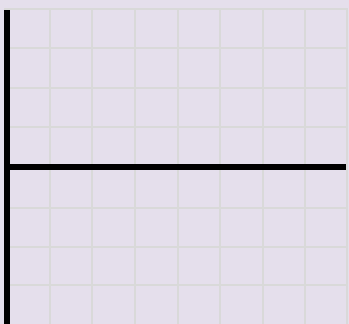
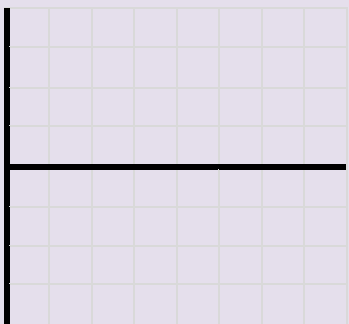
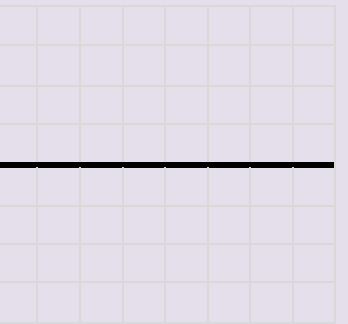
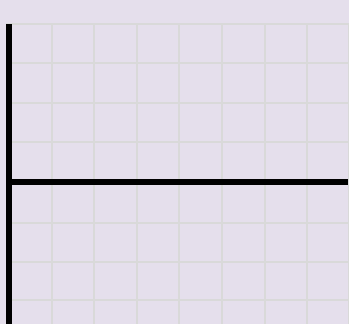
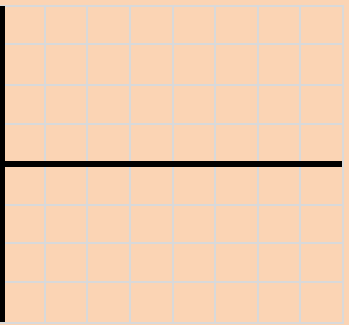
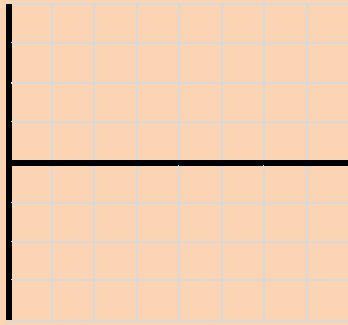
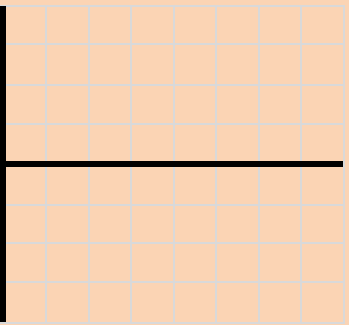
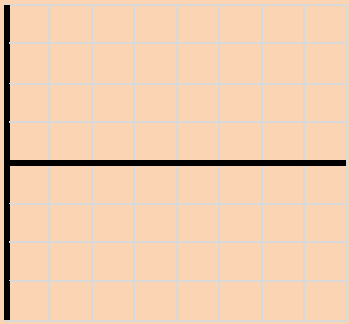
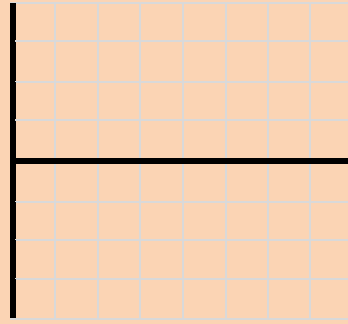


Create the following position time graphs

<p><b>Stopped</b></p> <p><math>X=0</math></p> 	<p><b>Stopped</b></p> <p><math>X \neq 0</math></p> 	<p><b>Constant Velocity</b></p> <p><math>V = \text{pos}</math> <math>X_i = 0</math></p> 
<p><b>Constant Velocity</b></p> <p><math>V = \text{neg}</math> <math>X_i = 0</math></p> 	<p><b>Constant Velocity</b></p> <p><math>V = \text{neg}</math> <math>X_i = \text{pos}</math></p> 	<p><b>Constant Velocity</b></p> <p><math>V = \text{pos}</math> <math>X_i = \text{pos}</math></p> 
<p><b>Accelerate</b></p> <p><math>a = \text{pos}</math> <math>V_i = 0</math></p> 	<p><b>Accelerate</b></p> <p><math>a = \text{pos}</math> <math>V_i = \text{neg}</math></p> 	<p><b>Accelerate</b></p> <p><math>a = \text{pos}</math> <math>V_i = \text{pos}</math></p> 
<p><b>Accelerate</b></p> <p><math>a = \text{neg}</math> <math>V_i = 0</math></p> 	<p><b>Accelerate</b></p> <p><math>a = \text{neg}</math> <math>V_i = \text{neg}</math></p> 	<p><b>Accelerate</b></p> <p><math>a = \text{neg}</math> <math>V_i = \text{pos}</math></p> 