8. / Linear Growth and Decay

Graphing Lines

Looking at slope

Looking of Intercepts

Looking Creats equations

Decay exurtions

Slope - Intercept form y = mx + b f(x) = mx + b h = mt + b h = hies hr after thee

<math>h = 300t + 60 = 300(5) + 60 = 1600 + 60 = 1600 + 60 = 1600 + 60 = 1600 + 60

Slope = M

y-int = b

y-mx+b

y=3x-5

slope 3

y-int-5

y-int-5

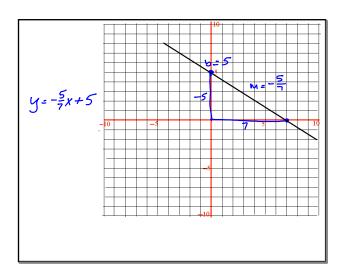
Vertical interapt

Growth - in a linear equation occurs when slope is positive

Decay - in a Linear equation occurs when slope is hegative

horizontal/vertical

are not growth or Decay



tape comes in volls of 100ft.

If each ankle requires 20ft of tape how much is Left after 4 ankles are taped t = -20a + 100 t = -20(4) + 100 t = -80 + 100 t = -20