Performance Task Sample with work

Given: When ordering t-shirts, you pay $5 per shirt plus $10 shipping.

m = 5
b = 10

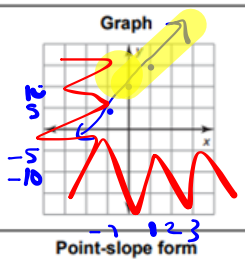
NO Fractions
NO decimals
A > 0

(1, 15)

m = 5

f(x) = y

5 = 5/1

Situation	Table	Slope-intercept form
When ordering t-shirts, you pay $5 per shirt plus $10 shipping.	x | y -1 | -5+10 = 5 0 | 0+10 = 10 1 | 5+10 = 15	y = mx + b y = 5x + 10
Graph	**Standard form**	**Points in functional notation**
	Ax + By = C -5x + y = 10 -1 -1 5x - y = -10	f(-1) = 5 f(0) = 10 f(1) = 15
Point-slope form	**Equation of a parallel line**	**Equation of a perpendicular line**
$y - y_1 = m(x - x_1)$ $y - 15 = 5(x - 1)$	m = 5 ∥ m = 5 b ≠ b y = 5x + 22	m = 5 ⊥ m = -1/5 y = -1/5 x + 22