

Student 6: High Not Achieved

NZQA Intended for teacher use only

Task 1

$$\begin{array}{cc} x_1 & y_1 & x_2 & y_2 \\ (0, 2.25) & & (4.5, 0) & \end{array}$$

$$\left(\frac{0 - 2.25}{4.5 - 0} \right) \quad \left(\frac{-2.25}{-4.5} \right) \quad m_1 = \frac{1}{2}$$

1

$$y = mx + c \quad 2.25 = 2(0) + c \quad c = 2.25 \quad (4, 1)$$

2

$$y = 2x + 2.25$$