



Lines & Planes · Grade 12

Name _____ Date _____ Score _____ / 5

01

Line through $P(-6, -6)$, direction $\vec{m} = \langle -1, -2 \rangle$. Write its parametric equations = _____

02

Line through $P(6, -1)$, direction $\vec{m} = \langle -3, 0 \rangle$. Write its vector equation = _____

03

A line passes through $A(-5, 3)$ and $B(3, -4)$. Write its vector equation = _____

04

Line through $P(0, 0)$, direction $\vec{m} = \langle 0, 6 \rangle$. Write its parametric equations = _____

05

Line through $P(-5, 2)$, direction $\vec{m} = \langle 6, 1 \rangle$. Write its parametric equations = _____