

27th Dec



Corbettmaths

Simplify

$$\frac{\sqrt{200}}{\sqrt{8}}$$

Solve the simultaneous equations

$$3x^2 + 4x - y = 7$$

$$2x - y = -1$$

Solve

$$\frac{27^{3x+1}}{9^{x+2}} = 81$$

Lines L_1 and L_2 are perpendicular.
Line L_1 passes through $(0, 12)$ and $(6, 0)$.

Lines L_1 and L_2 intersect at $(2, 8)$

Find the equation of L_2

