

Question Four

i) Make x the Subject

$$y = \frac{t(x^2 + R)}{\theta}$$

$$y\theta = t(x^2 + R)$$

$$\frac{y\theta}{t} = x^2 + R$$

$$\frac{y\theta}{t} - R = x^2$$

$$\sqrt{\frac{y\theta}{t} - R} = x$$