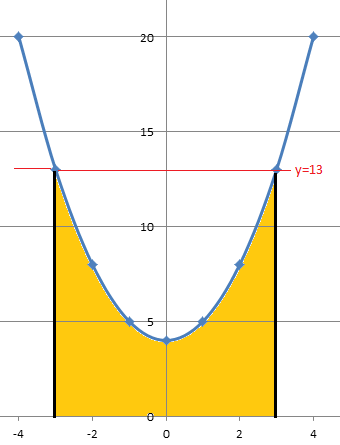
**Exercise**

Find the coordinates of the points (eg a and b) of intersection of the curve and the line

Find the area bounded by the by , the x-axis and the lines x=a and x=b.

**Solution**



= for

Substituting we get

= (+c and –c cancel out)

Area = 42units2