Volume of
$$Z = 29 - 3x^2 - 3y^2$$
 and $Z = 17$

$$\frac{7}{2} = x^2 + 2y^2 \qquad Z = 29 - 3(x^2 + y^2)$$

$$Z = 29 - 3c^2 = F(c, 0) - 17$$

$$z = 29 - 17 - 3r^{2}$$

$$= 12 - 3r^{2}$$