i) Es closo que:

$$W = \{(x, y, z): x = 3y = z\}$$

$$W = \{(x, y, z): x = \frac{1}{5}, x = 3y = z\}$$

$$W = \{(x, y, z): x = \frac{1}{5}, x = \frac{1}{3}\}$$

$$W = \{(x, y, z): x = \frac{1}{5}, x = \frac{1}{3}\}$$

$$= gen \{(1x, y, 1)\},$$

$$Sea w' \in W^{\perp}. (an w) = (a, b, c) | vego;$$

$$(w', w, z = 0) \Rightarrow \angle(a, b, c) | vego;$$

$$(w', w, z = 0) \Rightarrow \angle(a, b, c) | vego;$$

$$Q = -\frac{5}{3}x - \frac{1}{3} \quad w' = (-\frac{1}{3}x - \frac{1}{3}, x - \frac{1}{3}) = 0$$

$$Q = -\frac{1}{3}x - \frac{1}{3} \quad w' = (-\frac{1}{3}x - \frac{1}{3}, x - \frac{1}{3}) = 0$$

$$Q = -\frac{1}{3}x - \frac{1}{3} \quad w' = (-\frac{1}{3}x - \frac{1}{3}, x - \frac{1}{3}) = 0$$

$$Q = -\frac{1}{3}x - \frac{1}{3} \quad w' = (-\frac{1}{3}x - \frac{1}{3}, x - \frac{1}{3}) = 0$$

$$Q = -\frac{1}{3}x - \frac{1}{3} \quad w' = (-\frac{1}{3}x - \frac{1}{3}, x - \frac{1}{3}) = 0$$

$$Q = -\frac{1}{3}x - \frac{1}{3} \quad w' = (-\frac{1}{3}x - \frac{1}{3}, x - \frac{1}{3}) = 0$$

$$Q = -\frac{1}{3}x - \frac{1}{3} \quad w' = (-\frac{1}{3}x - \frac{1}{3}, x - \frac{1}{3}) = 0$$

$$Q = -\frac{1}{3}x - \frac{1}{3} \quad w' = (-\frac{1}{3}x - \frac{1}{3}, x - \frac{1}{3}) = 0$$

$$Q = -\frac{1}{3}x - \frac{1}{3} \quad w' = (-\frac{1}{3}x - \frac{1}{3}, x - \frac{1}{3}) = 0$$

$$Q = -\frac{1}{3}x - \frac{1}{3} \quad w' = (-\frac{1}{3}x - \frac{1}{3}, x - \frac{1}{3}) = 0$$

$$Q = -\frac{1}{3}x - \frac{1}{3} \quad w' = (-\frac{1}{3}x - \frac{1}{3}, x - \frac{1}{3}) = 0$$

$$Q = -\frac{1}{3}x - \frac{1}{3}x - \frac{1}{3} = 0$$

$$Q = -\frac{1}{3}x - \frac{1}{3}x - \frac{1}{3}x - \frac{1}{3}x - \frac{1}{3} = 0$$

$$Q = -\frac{1}{3}x - \frac{1}{3}x - \frac{1}{3}$$