Using Table 6-8 Conversion of Fixture Units to Equivalent gpm

(Use Flush valves)

If the cold water = 720 WSFU
what is the demand in gpm?

From Table 6-8

$g_1 = 500 \quad d_1 = 142$
$g_2 = 750 \quad d_2 = 178$

} Two values closest to the given value

$g = 720$ WSFU (Given Value)

$$d = d_1 + \frac{g - g_1}{g_2 - g_1}(d_2 - d_1) \quad \text{(value)}$$

$$= 142 + \frac{720 - 500}{750 - 500}(178 - 142)$$

$$= 142 + \frac{220}{250}(36)$$

$$= 142 + 31.68$$

$$= 173.68$$

$$= \underline{\underline{174}} \text{ gpm}$$