$$5TC = g_1^2 + 80g + 30$$

$$V MC = 2g + 80 = p$$

$$AVC = g_1 + 80$$

$$g_1 = \frac{p}{2} - 40 +$$

$$|2| Q = \frac{20}{5} G_1$$

$$= 40 |\frac{p}{2} - 40|$$

= 20p - 1600 #

31.
$$20p - 1600 = 2000 - 10p$$
.
 $p = 120$, $q = 800 + 10$
 $q = 120$, $q = 800 + 10$
 $q = 120 - 40 = 20 + 10$
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