













$$20 = \frac{5p^2 + 100p + 295}{15 + 5p}$$

$$5p^2 + 100p + 295 = 300 + 100p$$

$$5p^2 - 5 = 0$$

$$5(p^2 - 1) = 0$$

$$(p + 1)(p - 1) = 0$$

$$p = 1 \text{ or } p = -1$$