

Int.

560

560
X+10

560
X+10
X
f

Int.

560

560
X+10

560
X+10
X
f

$$\frac{560}{X+10} - \frac{560}{X} = 1$$

$$\frac{560}{X+10} - \frac{560}{X} = 1$$

$$X \cdot (X+10)$$

$$560X + 5600 - 560X - X^2 - 10X = 0$$

$$-X^2 - 10X + 5600 = 0$$

$$\Delta = -10^2 - 4 \cdot (-1) \cdot 5600 = 22500$$

$$X_1 = \frac{10 + 150}{-2} = -\frac{140}{2} = -70 \text{ km}$$

$$X_2 = \frac{10 - 150}{-2} = \frac{-140}{-2} = 70$$

70 km/mc - capactive II wgt

70 + 10 = 80 km/mc - capactive I wgt