

Price per kilogram, p

$$\bar{p} = 20$$

$$\text{Demand, } X(p) = 100 - 5p$$

$$\text{Inverse demand, } p(X) = 20 - \frac{1}{5}X$$

$$p = 10$$

$$\text{Market price, } p = 10$$

i

$$X^* = 50$$

$$\bar{X} = n\bar{x} = 100$$

Kilograms of fish, X

