$$F_{Y}(y) = P(X^{2}Xy) = P(-I_{y}X \times I_{y}) = P(X \times I_{y}) - P(X \times I_{y})$$

$$= F_{X}(I_{y}) - F_{X}(-I_{y})$$

$$= P(I_{y}X \times I_{y}) - P(X \times I_{y}) - P(X \times I_{y})$$

$$= P(I_{y}X \times I_{y}) - P(X \times I_{y}) - P(X \times I_{y})$$

$$= P(I_{y}X \times I_{y}) - P(X \times I_{y}) - P(X \times I_{y}) - P(X \times I_{y})$$

 $8. \quad Y = X^2$