$$\frac{3\sqrt{3}}{2}$$

$$\frac{357}{-22}$$

$$= \frac{377}{2}\left(\frac{2\cancel{3}\cancel{7}\cancel{1}}{\cancel{1}}\right)$$

$$P_{Y}(Y) = \int e^{-3Tx} (e^{2xTy} (X) - 1), Y > 8x^{3} > 0$$