Date:		

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	d) Based on the equation given:
	$P(X=x s) - \left(\frac{3}{4s}(1-(\frac{x}{s})^2)\right) - \text{for } x \in (-s,s)$
•	O -> everywhere else.
	For $p(x \le x)$, as from $-\infty$ to -5 the function is equivalent to 0
	then for $P(X \in K)$ we basionly have to search from -s up to X.
	Joseph 3 (「(割))」、 2 2 5 (「(を))) の ((を)) の ((
	= 3. St ldx - St (\(\frac{1}{2}\)) dx
	$=\frac{2}{4s}\cdot \left[\chi\right]_{-s}^{x}-\frac{1}{5!}\cdot \int_{s}^{x}(x)^{2}dx$
	$= \frac{3}{45} \cdot \left(\left(\times + 5 \right) - \frac{1}{5^2} \left(\frac{1}{5} \times ^3 \right)_{5}^{\times} \right)$
<u> </u>	$= \frac{2}{4s} \left(\left(\kappa + s \right) - \frac{x^3 + s^3}{3c^4} \right)$
	$\frac{3}{4s} \times + \frac{3}{4} - \frac{x^3 + s^3}{4s^3}$
	e) $E(abs(k)) = \int_{-\infty}^{\infty} \left \frac{3}{4s} \left(1 - \left(\frac{k}{5} \right)^2 \right) \right dx$
	= -5° 2/4s(1-(5)2) ex + 5° 2/4s(1-(5)2) ex
	= \$\frac{2}{45} \int_0^6 (\frac{1}{5})^2 dx + \frac{2}{45} \int_0^5 (\frac{1}{5})^2 dx
	= 名(×コペーな(玄x³)、3) + 名(×コペーな(玄x³)。)
	= 25 (5 - 5 (3)) + 25 (5 - 5 (353))
,	= 0,5 + 0.5
	= (1)
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