

$x = x_i$	-10	0	5	20
$p_i = P(X=x_i)$	$\frac{2}{10} \cdot \frac{2}{9} \cdot \frac{6}{8}$	0	$\frac{3}{6} \cdot \frac{2}{9} \cdot \frac{2}{8}$	$\frac{3}{10} \cdot \frac{1}{9} \cdot \frac{2}{8}$
	$\frac{2}{15}$	0	$\frac{2}{15}$	$\frac{1}{15}$
$x_i \cdot p_i$	$-\frac{20}{15}$	0	$\frac{35}{15}$	$\frac{20}{15}$
$x_i^2 \cdot p_i$	$\frac{700}{15}$	0	$\frac{175}{15}$	$\frac{400}{15}$

$$E(X) = -1$$

$$V(X) = 85$$

$$\sigma(X) = \sqrt{85} - 1 = 8,22$$