

$$f(x) = \begin{cases} \frac{1}{12} & -2 < x < 10 \\ 0 & \text{otherwise} \end{cases}$$

Mean of $X =$

$$f(x) = \begin{cases} \frac{1}{9} & -4 < x < 5 \\ 0 & \text{otherwise} \end{cases}$$

$P(X < -2) =$

$$f(x) = \begin{cases} \frac{1}{5} & 1 < x < 6 \\ 0 & \text{otherwise} \end{cases}$$

$P(X \neq 2) =$

$$f(x) = \begin{cases} \frac{1}{9} & -4 < x < 5 \\ 0 & \text{otherwise} \end{cases}$$

Mean of $X =$

$$f(x) = \begin{cases} \frac{1}{12} & -2 < x < 10 \\ 0 & \text{otherwise} \end{cases}$$

Standard deviation of $X =$

$$f(x) = \begin{cases} \frac{1}{12} & -2 < x < 10 \\ 0 & \text{otherwise} \end{cases}$$

$P(|X| < 1.5) =$

$$f(x) = \begin{cases} k & -1 < x < 11 \\ 0 & \text{otherwise} \end{cases}$$

$k =$

$$f(x) = \begin{cases} \frac{1}{12} & -2 < x < 10 \\ 0 & \text{otherwise} \end{cases}$$

$P(|X| > 1) =$

$$f(x) = \begin{cases} \frac{1}{5} & 1 < x < 6 \\ 0 & \text{otherwise} \end{cases}$$

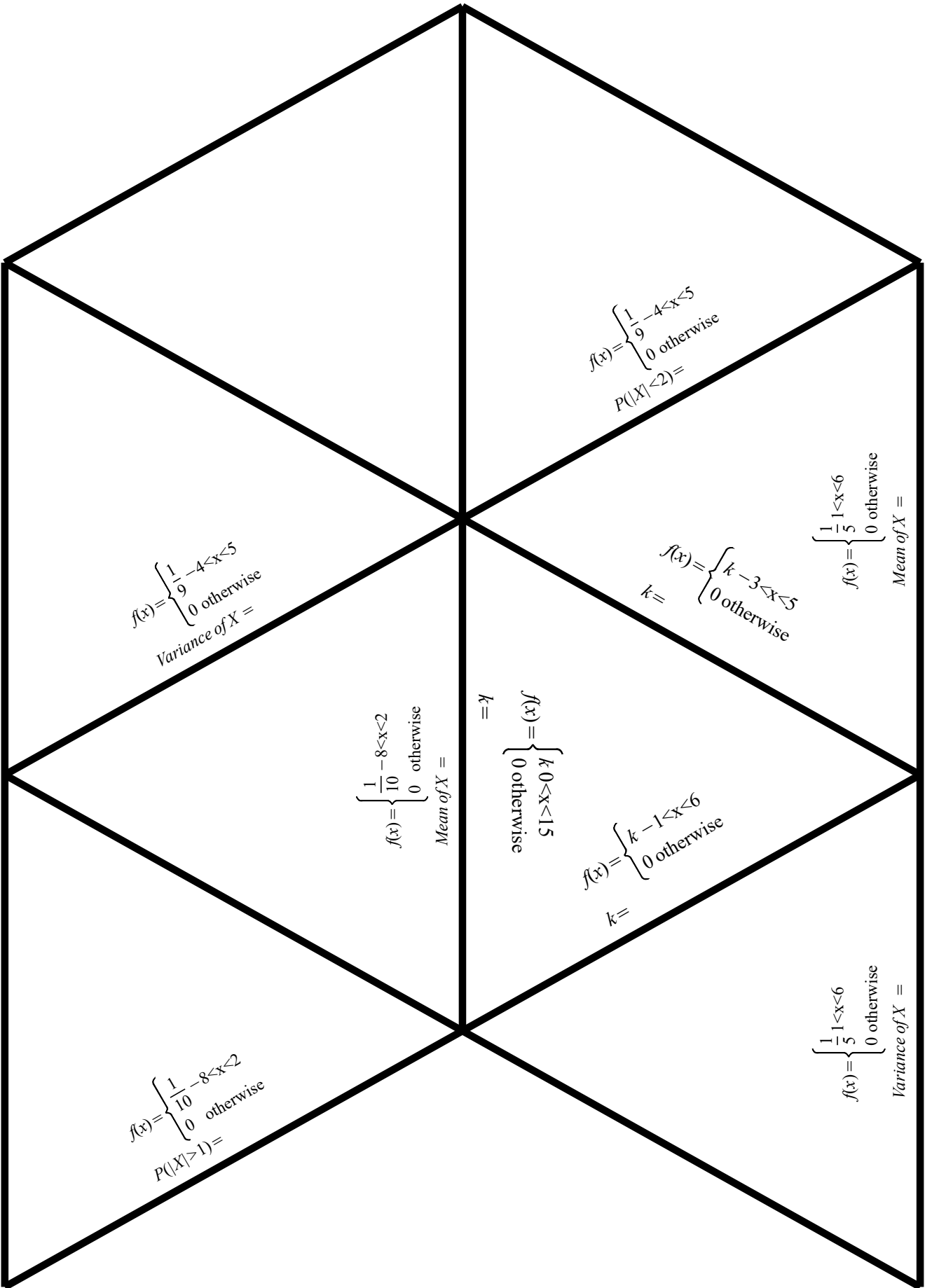
$P(X < 4) =$

$$f(x) = \begin{cases} \frac{1}{5} & 1 < x < 6 \\ 0 & \text{otherwise} \end{cases}$$

$P(X > 4) =$

$$f(x) = \begin{cases} \frac{1}{5} & 1 < x < 6 \\ 0 & \text{otherwise} \end{cases}$$

$P(X = 2) =$



$$f(x) = \begin{cases} \frac{1}{10} & -8 < x < 2 \\ 0 & \text{otherwise} \end{cases}$$

$P(|X| > 1) =$

$$f(x) = \begin{cases} \frac{1}{9} & -4 < x < 5 \\ 0 & \text{otherwise} \end{cases}$$

Variance of $X =$

$$f(x) = \begin{cases} \frac{1}{10} & -8 < x < 2 \\ 0 & \text{otherwise} \end{cases}$$

Mean of $X =$

$$f(x) = \begin{cases} k & 0 < x < 15 \\ 0 & \text{otherwise} \end{cases}$$

$k =$

$$f(x) = \begin{cases} k & -1 < x < 6 \\ 0 & \text{otherwise} \end{cases}$$

$k =$

$$f(x) = \begin{cases} \frac{1}{9} & -4 < x < 5 \\ 0 & \text{otherwise} \end{cases}$$

$P(|X| < 2) =$

$$f(x) = \begin{cases} k & -3 < x < 5 \\ 0 & \text{otherwise} \end{cases}$$

$k =$

$$f(x) = \begin{cases} \frac{1}{5} & 1 < x < 6 \\ 0 & \text{otherwise} \end{cases}$$

Variance of $X =$

$$f(x) = \begin{cases} \frac{1}{5} & 1 < x < 6 \\ 0 & \text{otherwise} \end{cases}$$

Mean of $X =$

$$f(x) = \begin{cases} \frac{1}{12} & -2 < x < 10 \\ 0 & \text{otherwise} \end{cases}$$

Variance of $X =$

$$f(x) = \begin{cases} \frac{1}{10} & -8 < x < 2 \\ 0 & \text{otherwise} \end{cases}$$

$P(X < -5) =$

$$f(x) = \begin{cases} k & 1 < x < 6 \\ 0 & \text{otherwise} \end{cases}$$

$k =$

$$f(x) = \begin{cases} k & 1 < x < 11 \\ 0 & \text{otherwise} \end{cases}$$

$k =$

$$f(x) = \begin{cases} \frac{1}{10} & -8 < x < 2 \\ 0 & \text{otherwise} \end{cases}$$

Standard deviation of $X =$

$$f(x) = \begin{cases} \frac{1}{9} & -4 < x < 5 \\ 0 & \text{otherwise} \end{cases}$$

Standard deviation of $X =$

$$f(x) = \begin{cases} \frac{1}{9} & -4 < x < 5 \\ 0 & \text{otherwise} \end{cases}$$

$P(X < 0) =$

$$f(x) = \begin{cases} \frac{1}{12} & -2 < x < 10 \\ 0 & \text{otherwise} \end{cases}$$

$P(-1 < X < 8) =$

$$f(x) = \begin{cases} \frac{1}{9} & -4 < x < 5 \\ 0 & \text{otherwise} \end{cases}$$

$P(|X| > 1) =$

$$f(x) = \begin{cases} \frac{1}{10} & -8 < x < 2 \\ 0 & \text{otherwise} \end{cases}$$

$P(|X| < 0.5) =$