20 Here are two squares, $\mathbf{A}$ and $\mathbf{B}$.


A


B

The length of the side of square $\mathbf{A}$ is $50 \%$ of the length of the side of square $\mathbf{B}$.
Express the area of the shaded region of square $\mathbf{A}$ as a percentage of the area of square $\mathbf{B}$.

