Enlarge each shape by doubling the length and the width of each side.


Calculate the area of each shape.
How does doubling the length of each side of a shape affect its area?
$\qquad$
$\qquad$

Tripling the size:
Draw a $1 \mathrm{~cm} \times 1 \mathrm{~cm}$ square.
Draw a $3 \mathrm{~cm} \times 3 \mathrm{~cm}$ square.
Calculate the area of each shape.

How does tripling the length of each side of a shape affect its area?

