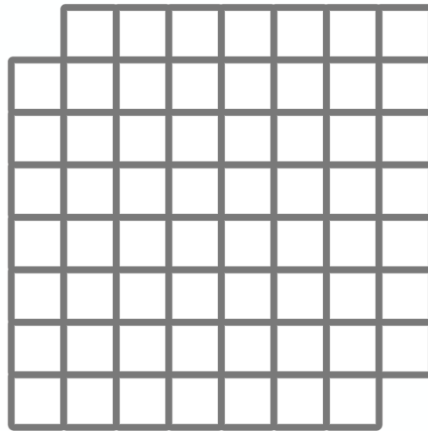


# Cut Corners



go figure

Paula is re-doing the floor tiling in the kitchen. The space is shaped like an  $8 \times 8$  square, except that one corner is missing to make room for the refrigerator and the opposite corner is missing to leave space for the dishwasher.



Paula found a domino-shaped ( $1 \times 2$ ) tile she'd like to use to tile the space:



How many ways are there for her to tile the kitchen with this shape?