11-5 Geometric Probability



P(E): Probability (chances) of an event happening.

E represents what you want to happen.

Example: P(Q): chances of picking a queen in a deck of cards.









1. A game board consists of a circle inscribed in a square. What is the chance that a dart thrown at the board will land in the shaded region?  $30 \cdot 90^{2}6645 \\ 144 \\ 341$ 



