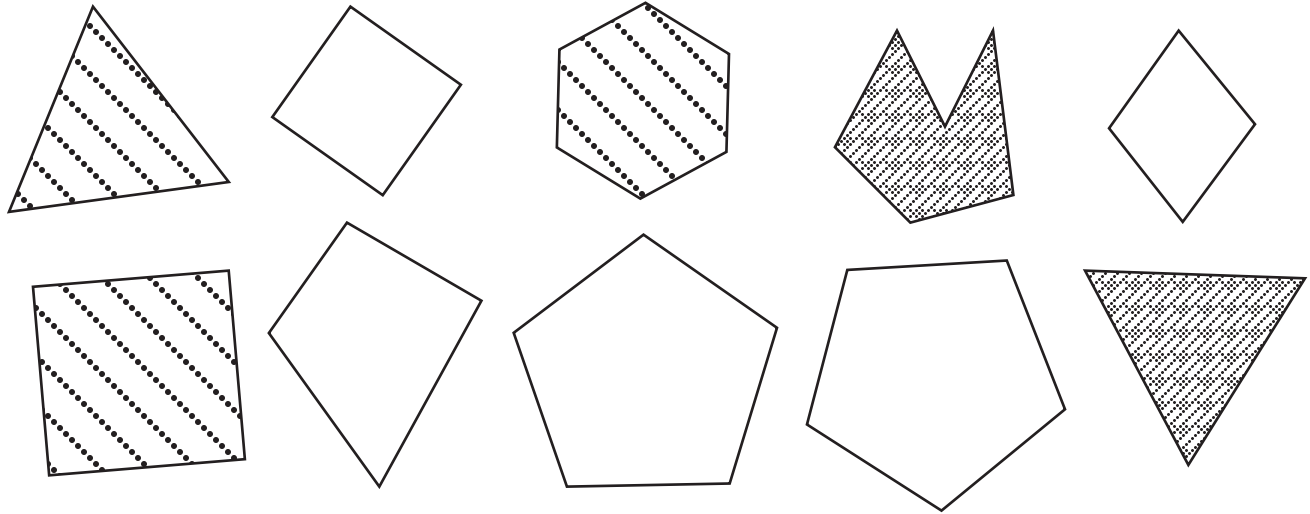


MathFLIX CHALLENGE

Probability Formula



Study the polygons pictured above. Use this probability formula to calculate each probability on the chart below.

$$p = \frac{\text{favorable outcomes}}{\text{total outcomes}}$$

Polygon	Fraction	Decimal	Percent
Dotted-line polygon	3/10	.3	30%
Regular polygon	___	___	___
Gray polygon	___	___	___
Polygon with more than 4 sides	___	___	___
Quadrilateral	___	___	___

Using the fraction column of the table below, color the following polygons to make the probabilities true. Then complete the table.



Polygon	Fraction	Decimal	Percent
Dotted-line polygon	1/10	___	___
Regular polygon	2/10	___	___
Gray polygon	3/10	___	___
Polygon with more than 4 sides	___/10	___	___
Sum	___	___	___