

Independent & Dependent Probability Puzzle

Name _____

A jar contains 4 blue, 6 red, 5 orange, 3 yellow, 4 black, 8 green marbles. Find each probability and show your work below. Cut the 12 hexagons apart. Then match each question to its answer. Glue the puzzle to a piece of paper when completed and attach your work.

P(red, yellow) without replacement	P(blue, yellow) without replacement	P(green, black) without replacement	P(orange, orange) with replacement	P(green, green) without replacement
P(red, red, red) with replacement	P(orange, yellow) without replacement	P(orange, red) with replacement	P(orange, green) with replacement	P(blue, orange) without replacement
P(red, red) with replacement	P(black, black) with replacement	P(red, green) with replacement	P(green, orange) without replacement	P(green, green) with replacement
P(yellow, black) with replacement	P(orange, black) with replacement	P(blue, red) without replacement	P(green, yellow) with replacement	P(yellow, yellow) without replacement
P(orange, red) without replacement	P(blue, black) without replacement	P(orange, red, red) with replacement		