

**12-8 Probability of Compound Events**

Answer each question as indicated. Be sure to make your work/logic clear.

1. A spinner has 8 evenly-sized spaces, with numbers one to eight. If you spin this spinner once, find ...

$P(3 \text{ or } 6)$

2. A spinner has 10 evenly-sized spaces, with numbers 1-10. Numbers 3 to 7 are red, and the rest are blue. If you spin this spinner once, find ...

$P(\text{odd number or blue})$



3. A bag contains 1 penny, 2 nickels, 3 dimes, and 4 quarters. If you draw a coin at random, then draw again without replacing what you drew the first time, find ...

$P(\text{dime then nickel})$

4. You flip a coin a then roll a fair six-sided die. Find ...

$P(\text{heads and even})$