

**11-2B Practice** (continued)

Form G

## Probability

13. There are 225 juniors and 255 seniors at your school. The school chooses 5 juniors and seniors as Student All-Stars. What is the theoretical probability that exactly 2 of the Student All-Stars will be juniors?

Five people each flip a coin one time. Find each theoretical probability.

- 18.
- $P(5 \text{ heads})$

- 19.
- $P(\text{exactly } 2 \text{ tails})$

- 20.
- $P(\text{at least } 3 \text{ heads})$

- 21.
- $P(\text{less than } 4 \text{ tails})$

22. The spinner shown at the right has four equal-sized sections. Suppose you spin the spinner two times.

- What is the sample space?
- How many outcomes are there?
- What is the theoretical probability of getting a sum of 4?

