8.1–8.2   Quiz

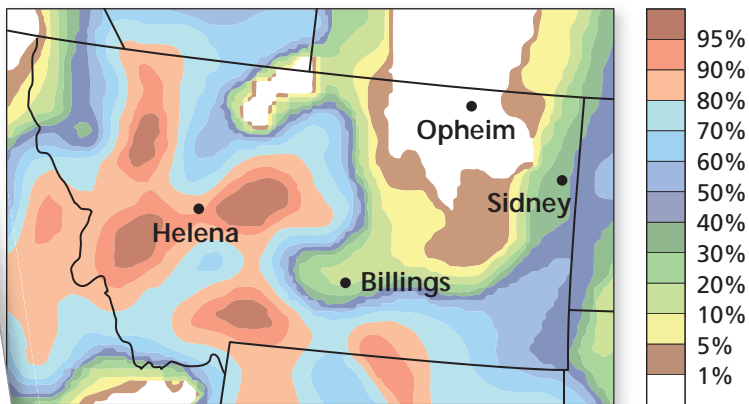**1. Winter Storm** The table shows the probabilities of a winter storm in New York for several months. Complete the table. Then describe the likelihood of each event in words.

Month	Fraction	Decimal	Percent
November			4.4%
December	$\dfrac{25}{74}$		
January		0.081	
February			30.1%
March	$\dfrac{5}{34}$		

Snowfall in Montana In Exercises 2–5, describe the likelihood that at least 1 inch of snow will accumulate in the city.

Probability of 1 Inch (or more) of Snow

2. Billings   **3.** Helena

4. Sidney   **5.** Opheim

Randomly Selected Digits In Exercises 6–8, consider a computer that randomly selects a 4-digit number. Each digit can be any number from 0 to 9.

6. How many possible numbers are there?

7. Find the probability that the number is greater than or equal to 3000.

8. Find the probability that the number is divisible by 1000.