

8.1 Exercises

Describing Likelihood In Exercises 1 and 2, complete the table. Then describe the likelihood of each event in words. (See Example 1.)

1.

Probability of Fears			
	Fraction	Decimal	Percent
Dark	$\frac{1}{20}$		
Heights		0.36	
Identity theft	$\frac{25}{38}$		
Thunder or lightning			11%

2.

Probability of Health Issues			
	Fraction	Decimal	Percent
Diagnosed with cancer			41%
Die from flu	$\frac{1}{345,100}$		
Has health insurance		0.847	
Obese			26.9%



Snowfall In Exercises 3–6, describe the likelihood that at least 1 inch of snow will accumulate in the city on the morning of December 25. (See Example 2.)



3. Richmond, Virginia
4. Madison, Wisconsin
5. Denver, Colorado
6. Philadelphia, Pennsylvania