

**9-1****Practice: Word Problems****Simple Events**

**COINS** Susan opened her piggy bank and counted the number of each coin. The table at the right shows the results. For Exercises 1–3, assume that the coins are put in a bag and one is chosen at random.

Coin	Number
quarters	15
dimes	21
nickels	22
pennies	32

1. What is the probability that a quarter is chosen?	2. What is the probability that a nickel or a dime is chosen?
3. What is the probability that the chosen coin is worth more than 5 cents?	4. <b>NUMBER CUBES</b> Juan has two number cubes, each with faces numbered 1, 2, ...6. What is the probability that he can roll the cubes so that the sum of the faces showing equals 11?
5. <b>SKATEBOARDS</b> Carlotta bought a new skateboard for which the probability of having a defective wheel is 0.015. What is the probability of not having a defective wheel?	6. <b>CALCULATORS</b> Jake's teacher had 6 calculators for 28 students to use. If the first students to use the calculators are chosen at random, what is the probability that Jake will get one?
7. <b>VEHICLES</b> The rental car company had 14 sedans and 8 minivans available to rent. If the next customer picks a vehicle at random, what is the probability that a minivan is chosen?	8. <b>MUSIC</b> Tina has 16 pop CDs, 6 classical, and 2 rock. Tina chooses a CD at random. What is the probability she does not choose a classical CD?