Lesson 10-6 classwork

For each question, use the drop down box to tell if it is **impossible, unlikely**, **equally likely**, **likely**, or **certain**. In the second box, write the fraction in lowest terms as a/b. In the third box write, the percent to the nearest whole percent, and in the fourth box, write the decimal equivalent to the nearest hundredth.

*The spinner shown at right is spun once. Determine the probability of each outcome. Express each probability as a fraction and as a percent. Then describe the likelihood of the event. Write **impossible, unlikely**, **equally likely**, **likely**, or **certain**.*
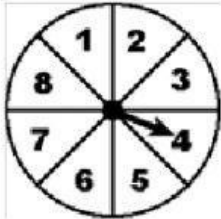
1. $P(7)$

2. $P(\text{odd})$

3. $P(\text{greater than 3})$

4. $P(\text{less than 1})$
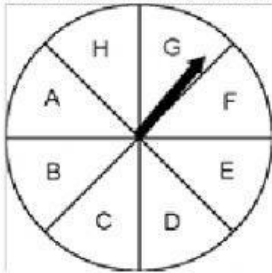
5. $P(3, 6, \text{ or } 8)$

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A number cube is rolled and the spinner below is spun. Find the probability.

6. *P*(4 and C)

7. *P*(an even number and a vowel)

8. *P*(a prime number and a consonant)

9. *P*(NOT 6 and NOT H)

10. *P*(less than 3 and B)