

Name:__

- 1. You have 3 numbers on your spinner, 1, 2 and 3. What are the chances it will land on 2?
- 2. Write 3 statements about the weather today. One statement should use certain, another statement should use impossible and another statement should use uncertain.
- 3. There are 9 green jelly beans in a jar and 1 red jelly bean in a jar. You can't see through the jar. What are your chances of putting your hand in and getting a red jelly bean?
- 4. Write 4 statements about you using: impossible, unlikely, likely, certain.
- 5. Find a coin to flip. Predict how many heads and tails you will get if you flip the coin 10 times. Then record what you got.
- 6. If you flipped a coin, what are the chances it will land on heads? Tails? Explain.
- 7. If you had a coin that was yellow on one side and green on the other, what are you chances of tossing is and landing on green? Explain.



Look at the spinner. What are the chances of taking 1 spin and landing on 1? 2? 3? 3? Explain.

- 9. Write 3 statements about school. 1 using impossible, 1 using likely and 1 using certain.
- 10. Tell what the weatherman means when he says there's a 90% chance of rain today.

Data/Probability Word Problem Answers 2nd Grade

- 1. 1 out of 3 changes of landing on 3.
- 2. Answers will vary but the child should understand the probability of the weather. (A cloudy day would show a statement like 'chances of rain are uncertain, chances of clouds are certain etc.)
- 3. Unlikely—only a 1 in 10 chance because there are 10 jelly beans and only 1 is red.
- 4. Answers will vary. *(Examples:* it's unlikely I'll ever be 7 feet tall, it's likely I will always have curly hair, it's certain that I'll have fun on my birthday)
- 5. Conversations about which side has a better chance or not should occur.
- 6. 1 out of 2 chances because there are 2 sides and both have equal chances.
- 7. 1 out of 2 chances because there are 2 sides and both have equal chances.
- 8. Equal chances for all 4 numbers, 1 in 4 chances.
- 9. Answers will vary. (impossible to spend 4 years in the 2nd grade, certain you'll pass this year etc.)
- Weatherman statements should be understood by 2nd grade students. (The closer to 100%, the greater the chance of rain/snow/sun etc. the smaller the percentage, the lesser chance.)