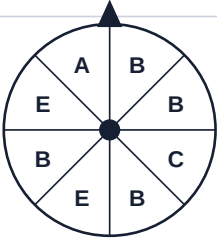


Spinner Probability

Use the stated equally likely outcomes. Give each probability as a simplified fraction.

1. Spin a fair spinner with 8 equal sectors. Repeated labels are separate outcomes.



What is the probability of label B?

2. What is the probability of label C?

3. What is the probability of not (label B)?

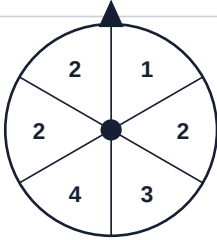
4. What is the probability of label B or label C?

5. What is the probability of not (label B or label C)?

6. Are label B and label C equally likely?

7. Are label C and label E equally likely?

8. Spin a fair spinner with 6 equal sectors. Repeated labels are separate outcomes.



What is the probability of label 1?

9. What is the probability of label 2?

10. What is the probability of not (label 1)?

11. What is the probability of label 1 or label 2?

12. What is the probability of not (label 1 or label 2)?

13. Are label 1 and label 2 equally likely?

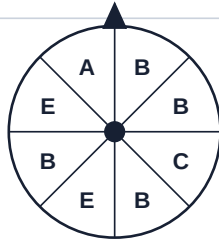
14. Are label 2 and label 3 equally likely?

Spinner Probability

Answer key

Use the stated equally likely outcomes. Give each probability as a simplified fraction.

1. Spin a fair spinner with 8 equal sectors. Repeated labels are separate outcomes.



What is the probability of label B?

$P = 1/2$. 4 favorable outcomes out of 8; $4/8 = 1/2$.

2. **What is the probability of label C?**

$P = 1/8$. 1 favorable outcomes out of 8; $1/8 = 1/8$.

3. **What is the probability of not (label B)?**

$P = 1/2$. 4 favorable outcomes out of 8; $4/8 = 1/2$.

4. **What is the probability of label B or label C?**

$P = 5/8$. 5 favorable outcomes out of 8; $5/8 = 5/8$.

5. **What is the probability of not (label B or label C)?**

$P = 3/8$. 3 favorable outcomes out of 8; $3/8 = 3/8$.

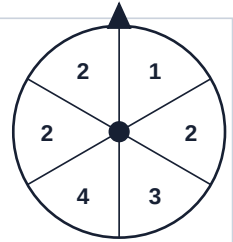
6. **Are label B and label C equally likely?**

No. 4 sectors and 1 sectors; No.

7. **Are label C and label E equally likely?**

No. 1 sectors and 2 sectors; No.

8. Spin a fair spinner with 6 equal sectors. Repeated labels are separate outcomes.



What is the probability of label 1?

$P = 1/6$. 1 favorable outcomes out of 6; $1/6 = 1/6$.

9. **What is the probability of label 2?**

$P = 1/2$. 3 favorable outcomes out of 6; $3/6 = 1/2$.

10. **What is the probability of not (label 1)?**

$P = 5/6$. 5 favorable outcomes out of 6; $5/6 = 5/6$.

11. **What is the probability of label 1 or label 2?**

$P = 2/3$. 4 favorable outcomes out of 6; $4/6 = 2/3$.

12. **What is the probability of not (label 1 or label 2)?**

$P = 1/3$. 2 favorable outcomes out of 6; $2/6 = 1/3$.

13. **Are label 1 and label 2 equally likely?**

No. 1 sectors and 3 sectors; No.

14. **Are label 2 and label 3 equally likely?**

No. 3 sectors and 1 sectors; No.