**Spinner Activities**

1-6 Spinner



**Part I**

1) What is the probability that you will spin a number 2?

2) What is the probability that you will spin an even number?

3) What is the probability that you will spin an odd number?

**Part II**

Spin the spinner 10 times. Record your results in the chart below:

|  |  |  |  |
| --- | --- | --- | --- |
| Spin Number | Outcome | Spin Number | Outcome |
| 1 |  | 6 |  |
| 2 |  | 7 |  |
| 3 |  | 8 |  |
| 4 |  | 9 |  |
| 5 |  | 10 |  |

**Part III**

1) In the ten trials, how many times did you get the number 2 as an outcome? What is the experimental probability of getting the number 2?

2) In the ten trials, how many times did you get an even number as an outcome? What is the experimental probability of getting an even number?

3) In the ten trials, how many times did you get an odd number as an outcome? What is the experimental probability of getting an odd number?

**Part IV**

Spin the spinner 10 more times. Record your results in the chart below:

|  |  |  |  |
| --- | --- | --- | --- |
| Spin Number | Outcome | Spin Number | Outcome |
| 11 |  | 16 |  |
| 12 |  | 17 |  |
| 13 |  | 18 |  |
| 14 |  | 19 |  |
| 15 |  | 20 |  |

**Part V**

1) In the twenty trials, how many times did you get the number 2 as an outcome? What is the experimental probability of getting the number 2?

2) In the twenty trials, how many times did you get an even number as an outcome? What is the experimental probability of getting an even number?

3) In the twenty trials, how many times did you get an odd number as an outcome? What is the experimental probability of getting an odd number?

**Part VI**

Use your results to complete this chart:

|  |  |  |
| --- | --- | --- |
| Theoretical Probability | Experimental Probability after 10 Trials | Experimental Probability after 20 Trials |
|  |  |  |

What do you notice?

**Spinner Activities**

5 Coloured Spinner

Part I

What is the probability that you will spin the colour red?

What is the probability that you will spin a colour that ends with the letter e?

Part II

Spin the spinner 10 times. Record your results in the chart below:

|  |  |  |  |
| --- | --- | --- | --- |
| Spin Number | Outcome | Spin Number | Outcome |
| 1 |  | 6 |  |
| 2 |  | 7 |  |
| 3 |  | 8 |  |
| 4 |  | 9 |  |
| 5 |  | 10 |  |

**Part III**

1) In the ten trials, how many times did you get the number 2 as an outcome? What is the experimental probability of getting the number 2?

2) In the ten trials, how many times did you get an even number as an outcome? What is the experimental probability of getting an even number?

3) In the ten trials, how many times did you get an odd number as an outcome? What is the experimental probability of getting an odd number?

**Part IV**

Spin the spinner 10 more times. Record your results in the chart below:

|  |  |  |  |
| --- | --- | --- | --- |
| Spin Number | Outcome | Spin Number | Outcome |
| 11 |  | 16 |  |
| 12 |  | 17 |  |
| 13 |  | 18 |  |
| 14 |  | 19 |  |
| 15 |  | 20 |  |

**Part V**

1) In the twenty trials, how many times did you get the number 2 as an outcome? What is the experimental probability of getting the number 2?

2) In the twenty trials, how many times did you get an even number as an outcome? What is the experimental probability of getting an even number?

3) In the twenty trials, how many times did you get an odd number as an outcome? What is the experimental probability of getting an odd number?

**Part VI**

Use your results to complete this chart:

|  |  |  |
| --- | --- | --- |
| Theoretical Probability | Experimental Probability after 10 Trials | Experimental Probability after 20 Trials |
|  |  |  |

What do you notice?

**Spinner Activities**

6 Coloured Spinner

Part I

What is the probability that you will spin the colour red?

What is the probability that you will spin a colour that ends with the letter e?

Part II

Spin the spinner 10 times. Record your results in the chart below:

|  |  |  |  |
| --- | --- | --- | --- |
| Spin Number | Outcome | Spin Number | Outcome |
| 1 |  | 6 |  |
| 2 |  | 7 |  |
| 3 |  | 8 |  |
| 4 |  | 9 |  |
| 5 |  | 10 |  |

**Part III**

1) In the ten trials, how many times did you get the number 2 as an outcome? What is the experimental probability of getting the number 2?

2) In the ten trials, how many times did you get an even number as an outcome? What is the experimental probability of getting an even number?

3) In the ten trials, how many times did you get an odd number as an outcome? What is the experimental probability of getting an odd number?

**Part IV**

Spin the spinner 10 more times. Record your results in the chart below:

|  |  |  |  |
| --- | --- | --- | --- |
| Spin Number | Outcome | Spin Number | Outcome |
| 11 |  | 16 |  |
| 12 |  | 17 |  |
| 13 |  | 18 |  |
| 14 |  | 19 |  |
| 15 |  | 20 |  |

**Part V**

1) In the twenty trials, how many times did you get the number 2 as an outcome? What is the experimental probability of getting the number 2?

2) In the twenty trials, how many times did you get an even number as an outcome? What is the experimental probability of getting an even number?

3) In the twenty trials, how many times did you get an odd number as an outcome? What is the experimental probability of getting an odd number?

**Part VI**

Use your results to complete this chart:

|  |  |  |
| --- | --- | --- |
| Theoretical Probability | Experimental Probability after 10 Trials | Experimental Probability after 20 Trials |
|  |  |  |

What do you notice?

**Dice Activities**

Regular Die

Part I

What is the probability that you will roll a number 6?

What is the probability that you will roll an even number?

What is the probability that you will roll an odd number?

Part II

Roll the die 10 times. Record your results in the chart below:

|  |  |  |  |
| --- | --- | --- | --- |
| Roll Number | Outcome | Roll Number | Outcome |
| 1 |  | 6 |  |
| 2 |  | 7 |  |
| 3 |  | 8 |  |
| 4 |  | 9 |  |
| 5 |  | 10 |  |

**Part III**

1) In the ten trials, how many times did you roll a number 6 as an outcome? What is the experimental probability of rolling the number 6?

2) In the ten trials, how many times did you roll an even number as an outcome? What is the experimental probability of rolling an even number?

3) In the ten trials, how many times did you roll an odd number as an outcome? What is the experimental probability of rolling an odd number?

**Part IV**

Roll the die 10 more times. Record your results in the chart below:

|  |  |  |  |
| --- | --- | --- | --- |
| Roll Number | Outcome | Roll Number | Outcome |
| 11 |  | 16 |  |
| 12 |  | 17 |  |
| 13 |  | 18 |  |
| 14 |  | 19 |  |
| 15 |  | 20 |  |

**Part V**

1) In the twenty trials, how many times did you roll the number 6 as an outcome? What is the experimental probability of rolling the number 6?

2) In the twenty trials, how many times did you roll an even number as an outcome? What is the experimental probability of rolling an even number?

3) In the twenty trials, how many times did you roll an odd number as an outcome? What is the experimental probability of rolling an odd number?

**Part VI**

Use your results to complete this chart:

|  |  |  |
| --- | --- | --- |
| Theoretical Probability | Experimental Probability after 10 Trials | Experimental Probability after 20 Trials |
|  |  |  |

What do you notice?

**Dice Activities**

8-Sided Die



Part I

What is the probability that you will roll a number 4?

What is the probability that you will roll an even number?

What is the probability that you will roll an odd number?

Part II

Roll the die 10 times. Record your results in the chart below:

|  |  |  |  |
| --- | --- | --- | --- |
| Roll Number | Outcome | Roll Number | Outcome |
| 1 |  | 6 |  |
| 2 |  | 7 |  |
| 3 |  | 8 |  |
| 4 |  | 9 |  |
| 5 |  | 10 |  |

**Part III**

1) In the ten trials, how many times did you roll a number 6 as an outcome? What is the experimental probability of rolling the number 6?

2) In the ten trials, how many times did you roll an even number as an outcome? What is the experimental probability of rolling an even number?

3) In the ten trials, how many times did you roll an odd number as an outcome? What is the experimental probability of rolling an odd number?

**Part IV**

Roll the die 10 more times. Record your results in the chart below:

|  |  |  |  |
| --- | --- | --- | --- |
| Roll Number | Outcome | Roll Number | Outcome |
| 11 |  | 16 |  |
| 12 |  | 17 |  |
| 13 |  | 18 |  |
| 14 |  | 19 |  |
| 15 |  | 20 |  |

**Part V**

1) In the twenty trials, how many times did you roll the number 6 as an outcome? What is the experimental probability of rolling the number 6?

2) In the twenty trials, how many times did you roll an even number as an outcome? What is the experimental probability of rolling an even number?

3) In the twenty trials, how many times did you roll an odd number as an outcome? What is the experimental probability of rolling an odd number?

**Part VI**

Use your results to complete this chart:

|  |  |  |
| --- | --- | --- |
| Theoretical Probability | Experimental Probability after 10 Trials | Experimental Probability after 20 Trials |
|  |  |  |

What do you notice?