## Student Name:

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## Fair Die Worksheet

A fair die is rolled.
Problems
Work Space

| Find all possible outcomes |  |
| :--- | :--- |
| Answer: $\overline{\text { Find the probability of showing an }}$ |  |
| even number |  |
| Answer: |  |
| Find the probability of showing an odd |  |
| number |  |
| Answer: |  |
| Find the probability of showing a prime |  |
| number |  |
| Answer: |  |
| Find the probability of showing an |  |
| even prime number |  |

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## Fair Die Worksheet

| Find all possible outcomes |  |
| :--- | :--- |
| Answer: $\{\mathbf{1}, 2,3,4,5,6\}$ |  |
| Find the probability of showing an <br> even number |  |
| Answer: $\frac{1}{2}$ |  |
| Find the probability of showing an odd <br> number |  |
| Answer: $\frac{1}{2}$ |  |
| Find the probability of showing a |  |
| prime number |  |
| Answer: $\frac{1}{2}$ |  |
| Find the probability of showing an |  |
| even prime number |  |
| Answer: $\frac{1}{6}$ |  |

