

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

### Fair Die Worksheet

A fair die is rolled.

Problems

Work Space

Find all possible outcomes  Answer: _____	
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  Answer: _____	

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## Answers

Find all possible outcomes	
Answer: {1, 2, 3, 4, 5, 6}	
Find the probability of showing an even number	
Answer: $\frac{1}{2}$	
Find the probability of showing an odd 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: $\frac{1}{6}$	