

Student Name: _____

Score: _____

Pair of Dice Worksheet

A pair of dice is rolled.

Problems

Work Space

Find the probability of showing 6 on the first die or 4 on the second die Answer: _____	
Find the probability of showing an even number on the first die and an odd number on the second die Answer: _____	
Find the probability of neither showing multiple of 3 nor multiple of 4 on the second die Answer: _____	
Find the probability of showing multiple of 2 and multiple of 3 on the first die Answer: _____	
Find the probability of showing either prime number on the first die or multiple of 5 on the second die Answer: _____	

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Answers

Find the probability of showing 6 on the first die or 4 on the second die Answer: $\frac{11}{36}$	
Find the probability of showing an even number on the first die and an odd number on the second die Answer: $\frac{1}{4}$	
Find the probability of neither showing multiple of 3 nor multiple of 4 on the second die Answer: $\frac{1}{2}$	
Find the probability of showing multiple of 2 and multiple of 3 on the first die Answer: $\frac{1}{6}$	
Find the probability of showing either prime number on the first die or multiple of 5 on the second die Answer: $\frac{7}{12}$	