

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 showing a multiple of 3 on the first die and a multiple of 2 on the second die

Answer: \_\_\_\_\_

Find the probability of showing a multiple of 2 on the first die and a multiple of 3 on the second die

Answer: \_\_\_\_\_

Find the probability of showing a prime number on the first die and a multiple of 5 on the second die

Answer: \_\_\_\_\_

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

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

Answer key

Pair of Dice Worksheet

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 showing a multiple of 3 on the first die and a multiple of 3 on the second die

Answer:  $\frac{1}{2}$

Find the probability of showing a multiple of 2 on the first die and a multiple of 2 on the second die

Answer:  $\frac{1}{6}$

Find the probability of showing a prime number on the first die and a multiple of 5 on the second die

Answer:  $\frac{7}{12}$

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