

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

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

### Independent and Dependent

A box contains 2 red marbles, 3 white marbles, 4 green marbles and 1 blue marble. Two marbles are drawn at random without replacement.

Problems

Work Space

Find the probability of selecting a green marble on the second draw if the first marble is blue.

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

What is the probability of selecting a white marble on the first draw and a red marble on the second draw?

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

What is the probability of selecting two consecutive white marbles?

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

Find the probability of selecting a green or a blue marble on the first draw and a white or a blue marble on the second draw.

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

What is the probability of selecting a white marble on the first draw and a white or a blue marble on the second draw?

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

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