

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

### Independent and Dependent

Two cards are drawn from a standard deck of 52 cards one after another.

Problems

Work Space

Find the probability of drawing a king card on the first draw.

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

If the first card is not replaced, what is the probability of selecting a king card on the second draw?

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

Find the probability of drawing a king card from the first draw and a queen card on the second draw without replacement.

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

Find the probability of drawing a king card on the first draw and a queen card on the second draw after replacement.

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

Find the probability of drawing a 7 on the first draw and an 8 or 9 on the second draw without replacement.

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

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