

#1

If Alyssa has drank orange juice the last 7 out of 9 times she's gone to the kitchen, what is the experimental probability that she will get orange juice this time?

$P(\text{orange juice})$

Show your work

#2

Evan has worn a red shirt on 1 of 5 days. What is the experimental probability that Evan will wear a red shirt tomorrow? Simplify your answer and write it as fraction or whole number.

$P(\text{red})$

Show your work

#3

Gabriel has worn a red shirt on 3 of 6 days. What is the experimental probability that Gabriel will wear a red shirt tomorrow? Simplify your answer and write it as fraction or whole number.

$P(\text{red})$

Show your work

#4

Choose the best answer

Ella has picked her friend up from the airport 6 out of the last 10 times. What is the experimental probability she will pick up her friend this time?

$\frac{1}{4}$

$\frac{3}{5}$

$\frac{1}{3}$

$\frac{9}{10}$

Show your work

#5

Alexa missed 5 out of her last 6 free throws. What is the experimental probability that Alexa will miss her next free-throw attempt? Simplify your answer and write it as fraction or whole number.

$$P(\text{miss}) \boxed{}$$

Show your work

#6

Choose the best answer

Cameron missed 2 out of his last 4 free throws. What is the experimental probability that Cameron will miss his next free-throw attempt? Simplify your answer and write it as fraction or whole number.

$\frac{5}{6}$

$\frac{1}{4}$

$\frac{1}{2}$

$\frac{1}{9}$

Show your work

#7

Landon throws up 5 out of 8 times when he tries to chug a gallon of milk. What is the experimental probability that Landon will throw up on his next attempt to chug a gallon of milk?

P(throw up)

Show your work

#8

Choose the best answer

Dahlia has picked her friend up from the airport 6 out of the last 7 times. What is the experimental probability she will pick up her friend this time?

$\frac{4}{7}$

$\frac{6}{7}$

$\frac{7}{8}$

$\frac{1}{8}$

Show your work

#9

Nathan missed 2 out of his last 3 free throws. What is the experimental probability that Nathan will miss his next free-throw attempt? Simplify your answer and write it as fraction or whole number.

P(miss)

Show your work

#10

1 out of the last 6 songs DJ Hindle has released were big hits. What is the experimental probability that the next song will be a hit?

$$P(\text{hit}) \boxed{}$$

Show your work

#11

Sophia is buying collectable cards to make the raddest deck ever. If she's gotten the card she wanted the last 7 out of 9 times, what is the experimental probability she'll get the card she wants this time?

$$P(\text{card wanted}) \boxed{}$$

Show your work

#12

Choose the best answer

If Ryan has bought 3 out of the last 10 games produced by his favorite game company, what is the experimental probability he will buy the next one?

$\frac{6}{7}$

$\frac{5}{7}$

$\frac{3}{10}$

$\frac{3}{4}$

Show your work

Question	Answer
#1	$7/9$
#2	$1/5$
#3	$1/2$
#4	$3/5$
#5	$5/6$
#6	$1/2$
#7	$5/8$
#8	$6/7$
#9	$2/3$
#10	$1/6$
#11	$7/9$
#12	$3/10$