

#1

9 out of the last 10 songs DJ Hindle has released were big hits. What is the experimental probability that the next song will be a hit?

P(hit)

Show your work

#2

Choose the best answer

Mackenzie has hit green lights the last 9 out of 10 lights. What is the experimental probability the next light she hits will be green?

$\frac{4}{5}$

$\frac{3}{10}$

$\frac{6}{7}$

$\frac{9}{10}$

Show your work

#3

If Anthony has drunk orange juice the last 1 out of 9 times he's gone to the kitchen, what is the experimental probability that he will get orange juice this time?

P(orange juice)

Show your work

#4

Madeline has picked her friend up from the airport 4 out of the last 7 times. What is the experimental probability she will pick up her friend this time?

P(pick up)

Show your work

#5

If Dahlia has bought 2 out of the last 9 games produced by her favorite game company, what is the experimental probability she will buy the next one?

P(buy)

Show your work

#6

Choose the best answer

Isabella has hit green lights the last 1 out of 8 lights. What is the experimental probability the next light she hits will be green?

$\frac{1}{10}$

$\frac{3}{7}$

$\frac{1}{8}$

$\frac{1}{7}$

Show your work

#7

If Caden has drank orange juice the last 4 out of 6 times he's gone to the kitchen, what is the experimental probability that he will get orange juice this time?

P(orange juice)

Show your work

#8

Choose the best answer

If Zoe has bought 3 out of the last 7 games produced by her favorite game company, what is the experimental probability she will buy the next one?

$\frac{1}{3}$

$\frac{3}{10}$

$\frac{3}{7}$

$\frac{3}{8}$

Show your work

#9

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

P(throw up)

Show your work

#10

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

$P(\text{miss})$

Show your work

#11

Logan is buying collectable cards to make the raddest deck ever. If he's gotten the card he wanted the last 7 out of 10 times, what is the experimental probability he'll get the card he wants this time?

$P(\text{card wanted})$

Show your work

#12

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?

$P(\text{hit})$

Show your work

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