| 2:4 Experimental Probability | Name: | |
|---|----------------|--|
| ^{#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(orange juice) | Show your work | |
| 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(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(red) | Show your work | |
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#4

#5

#6

| 4 Experimental Probability | | Name: | |
|--|---|----------------|--|
| Choose the best answer | | | |
| 6 out of t | ed her friend up from the airport he last 10 times. What is the probability she will pick up her friend this time? | | |
| $\bigcirc \frac{1}{4}$ | $\bigcirc \frac{3}{5}$ | | |
| $\bigcirc \frac{1}{3}$ | $\bigcirc \frac{9}{10}$ | Show your work | |
| 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. | | | |
| F | P(miss) | Show your work | |
| Choo | se the best answer | | |
| Cameron misse | d 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.

<u>5</u> 6 $\frac{1}{4}$ \bigcirc $\frac{1}{2}$ $\frac{1}{9}$ Ο Ο Show your work



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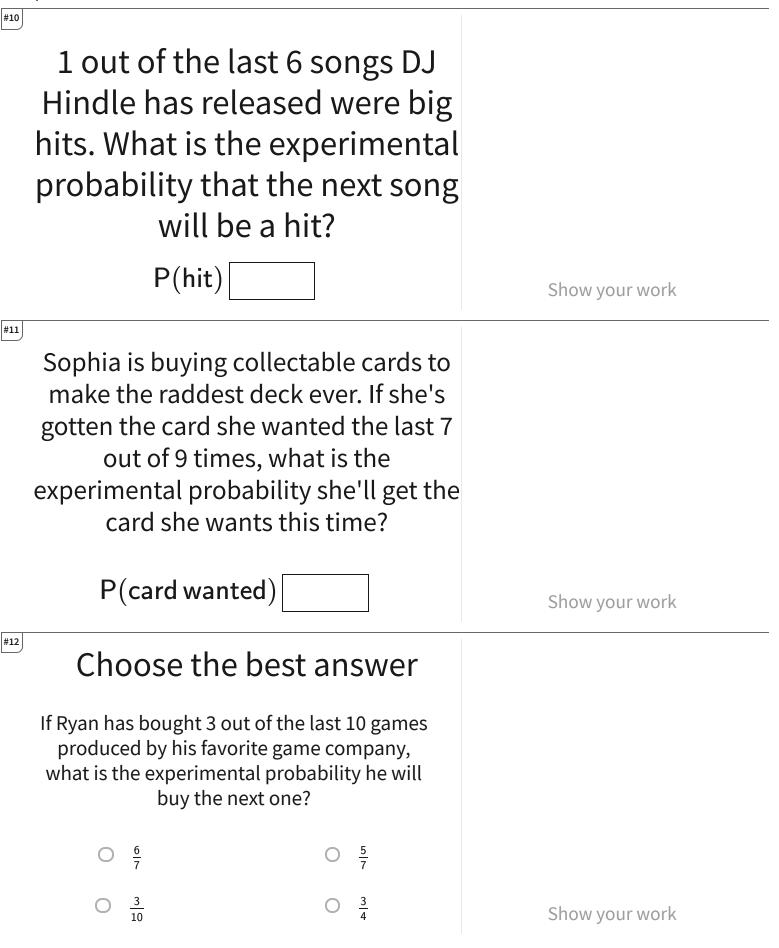
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| 2:4 Experimental Probability | Name: |
|--|---|
| ^{#7} Landon throws up 5 out of 8 times when he tries to chug a gallon of milk. What is the experimental probability that Landon will throw up on his next attempt to chug a gallon of milk? | |
| P(throw up) | Show your work |
| 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? | |
| $\bigcirc \frac{4}{7} \qquad \qquad \bigcirc \frac{6}{7}$ | |
| $O \frac{7}{8}$ $O \frac{1}{8}$ | Show your work |
| 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 |
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| 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 |

