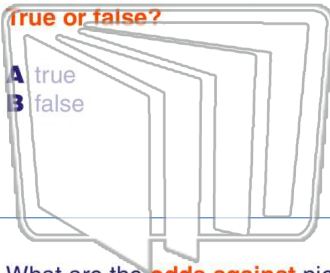




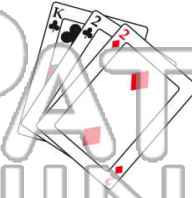
Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 **Odds** are used to compare unfavorable possibilities with favorable possibilities.



2 What are the **odds against** picking a **diamond** out of a deck of **52** cards?

- A 1:3
- B 1:4
- C 3:1
- D 4:1



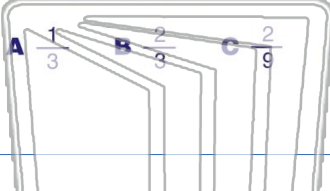
3 What are the **odds against** picking a **blue** marble out of a jar filled with **8** pink, **6** blue, and **7** green marbles?

4 The odds of the Superstars winning the championship are **15:1**. What are the **odds** of the Superstars **not winning**?



5 **PREVIEW**  
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7 cars. What is the **probability** that, without looking, he will pick a tan car to take on a test drive?



turns his TV on at random, what is the **probability** that a sports channel will be on?

- A  $\frac{9}{14}$
- B  $\frac{5}{14}$
- C  $\frac{5}{7}$
- D  $\frac{2}{7}$

9 At a restaurant, there are **7** beef, **5** chicken, and **4** seafood dishes. What is the **probability** that a customer will choose a seafood dish?

- A  $\frac{1}{3}$
- B  $\frac{1}{4}$
- C  $\frac{3}{4}$
- D  $\frac{5}{16}$

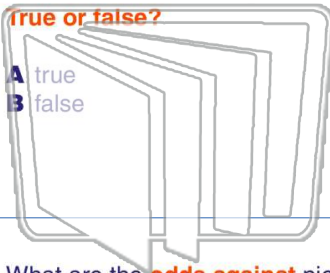
10 At an ice cream shop, there are **6** flavors of soft ice cream, **10** flavors of ice cream **with nuts**, and **16** flavors of ice cream **without nuts**. What is the **probability** of a customer ordering a flavor of ice cream with nuts?

- A 31%
- B 50%
- C 67%
- D 72%



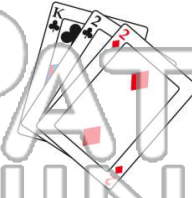
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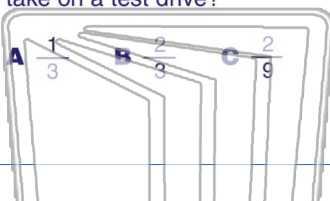
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