

# PROBABILITY

Direction: Read and analyze the given problem carefully. Solve for the probability of the given event.



In a hotel there are 8 air-conditioned rooms and 20 ordinary rooms. If a guest wishes to book an airconditioned room, what is the probability that he gets the air-conditioned room?

ANSWER:

$P(\text{boy}) =$

How did you find the answer?





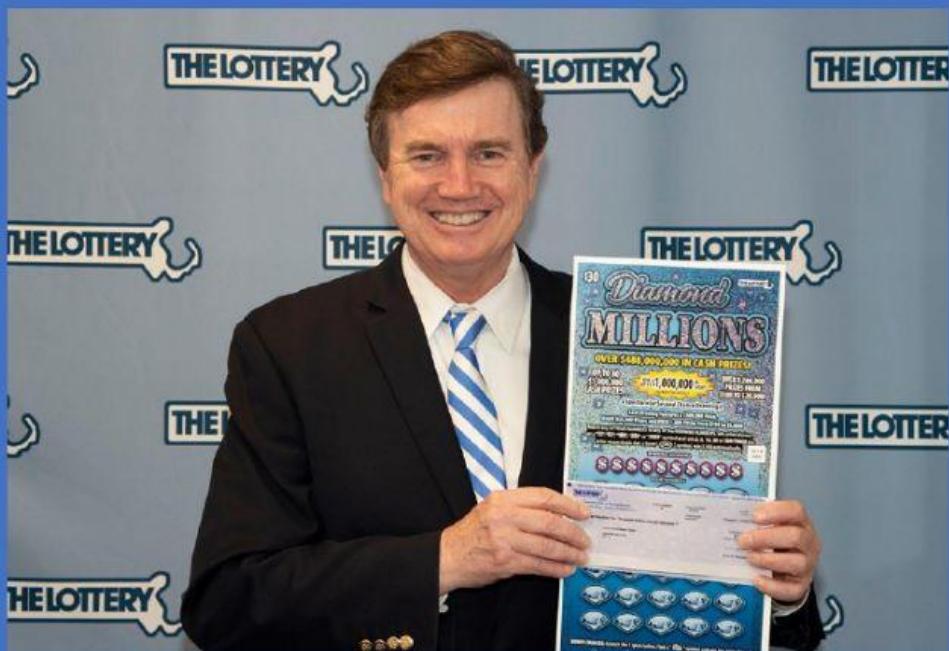
**In a class there are 18 students who like tea, and 22 students like coffee. What is the probability that a student likes tea?**

**ANSWER:**

**$P(\text{likes tea}) =$**

**How did you find the answer?**





**John's probability of winning the game is 60%. What is the probability of John not winning the game?**

**ANSWER:**

**$P(\text{losing}) =$**

**How did you find the answer?**

