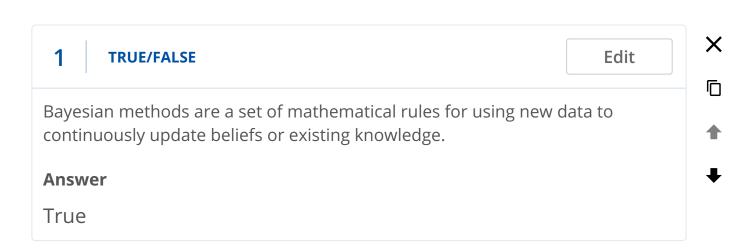
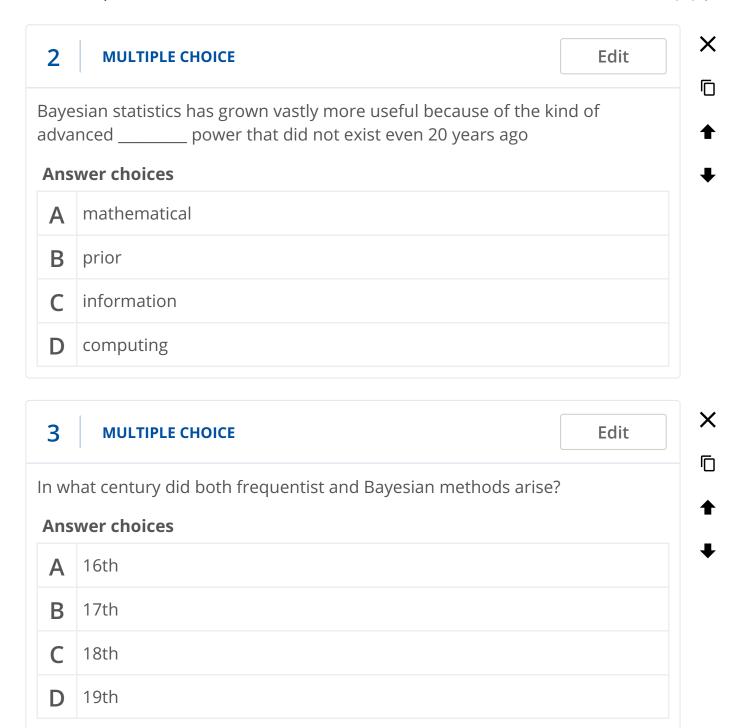


Edit Quiz Save and Exit

Quiz name

Weekly quiz 9 (DUE: Fri Sep 22)

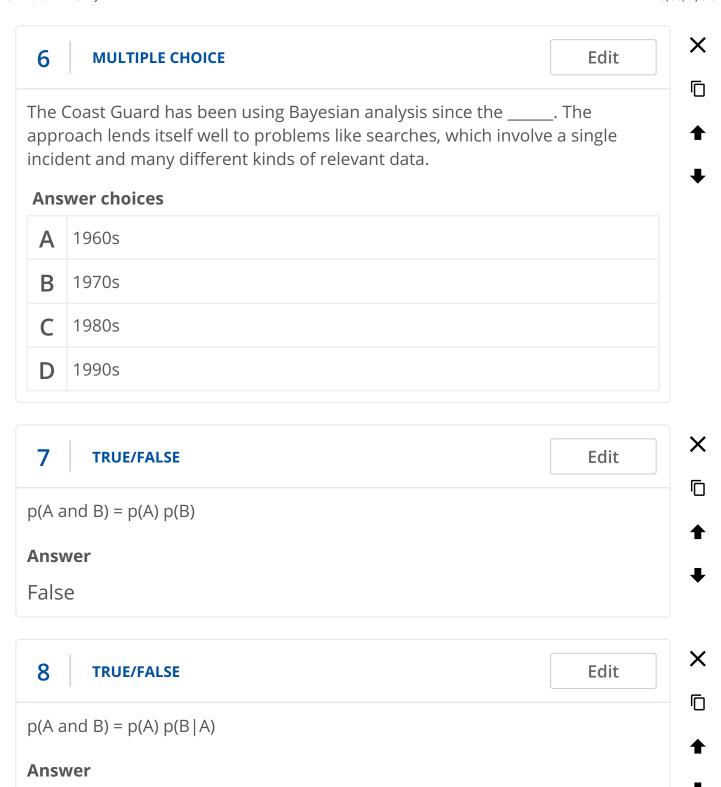




X **MULTIPLE CHOICE** 4 Edit Arbuthnot gathered christening records from 1629 to 1710 and found that in London, a few more boys were recorded every year (82 times). What would be the probability of this happening, if the gender birth ratio was truly 50:50? **Answer choices** 0.5^{82} A $82^{0.5}$ B 82 C $\overline{0.5}$

5	MULTIPLE CHOICE Edit
	downside of Bayesian statistics is that it requires information, and scientists need to start with a guess or estimate
Ans	wer choices
Α	posterior
В	prior
C	special
D	no

Not possible



True

9/30/17, 3:32 PM ETC2420 5242 - Sway

9 **MULTIPLE CHOICE**

Edit

X

 $\frac{p(A)p(B|A)}{p(B)}$

The above quantity is part of Bayes theorem. What does it equal?

Answer choices

- p(A | B)
- p(A)p(B) B
- p(A and B)
- p(B|A)

10 **MULTIPLE CHOICE** Edit

For many problems involving conditional probability, Bayes's theorem provides

X

Answer choices

a _____ strategy.

- not useful
- complicated B
- divide-and-conquer
- visual

+ Multiple Choice



+ Short Answer