
1. It is claimed that when a marketing consultant says the market will rise (a favorable report), it always rises. You wish to check the consultant's prediction. What is the minimum evidence you need to check the claim?
   A. a favorable report   C. an unfavorable report
   B. a rise in the market   D. a fall in the market

2. Washington is to 1 as Lincoln is to
   A. 5          B. 10          C. 15          D. 18          E. 20

3. A bottle of wine costs $20. The wine is worth $19 more than the bottle. How much is the bottle worth?
   A. $.25      B. $.50      C. $.75      D. $1.00      E. $2.00

4. Susan and Martha are discussing their children when Susan asks Martha for the ages of her three sons. Martha says "The sum of their ages is 13 and the product of their ages is the same as your age, to which Susan replies "I still don't know their ages." What is Susan's age?
   A. 24      B. 27      C. 63      D. 36      E. 48

5. Three missionaries and three cannibals are on one side of a river. They want to cross to the other side by means of a boat that can only hold two persons at a time. All the missionaries can row, but only one cannibal can row. For obvious reasons, the missionaries must never be outnumbered by the cannibals, under any circumstances or at any time, except where no missionaries are present at all. How many crossings will be necessary to transport the six people across the river?
   A. 3      B. 6      C. 10      D. 13      E. 22

6. Isaac is staying at a motel when he runs short of cash. Checking his finances, he finds that in 23 days he will have plenty of money, but until then he will be broke. Mo, the motel owner, refuses to let Isaac stay without paying his bill each day. Isaac owns a gold chain with 23 links so Mo allows Isaac to pay for each of the 23 days with one gold link. When Isaac receives his money Mo will return the chain. Isaac wants to keep the chain as intact as possible, so he doesn't want to cut any more of the links than absolutely necessary. But Mo insists on payment each day, and he will accept no advance payment. How many links must Isaac cut and still pay the owner one link for each successive day?
   A. 2      B. 8      C. 11      D. 15      E. 22