Type: FMB

Points: 4

1. Alan is "Zooming" with his friend Mariah. Mariah tells Alan that she can read his mind and she will prove it. She asks Alan to pick a number between 1 and 20 and instructs him not to tell her the number. Alan picks 20. Mariah then asks Alan to double the number he picked. What is double of the number Alan picked? [40] Mariah then asks Alan to add 16 to the number he just calculated. What is the resulting sum? [56] Next, Mariah asks Alan to divide the number he just calculated by 2. What is that value? [28] Finally, Mariah told him she can now prove that she can read his mind. Mariah told Alan to subtract the number he had picked originally from the resulting quotient She told him she knows his answer will be 8. Is this true or false? (Answer T or F) Answer: [T, t, true, True, TRUE]