

Correct. Mr. Simpson tips at least 10% and at most 20% of the bill, meaning he'd like to tip at least \$8 and at most \$16. Mrs. Simpson tips at least 15% and at most 25% of the bill, meaning she'd like to tip at least \$12 and at most \$20. Any amount between (and including) \$12 and \$16 would make both Simpsons happy, so the correct inequality to graph is $\$12 \leq d \leq \16 .