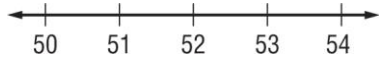


Problem-Solving Practice:

Write and Graph Inequalities

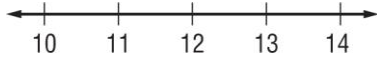
1. ROLLER COASTER In order to ride a roller coaster at the theme park, riders must be at least 52 inches tall. Write and graph an inequality to show the safe heights for riders.



2. FARMING One forklift can raise a maximum of 2,000 kilograms. Write and graph an inequality to describe the number of kilograms the forklift can raise.



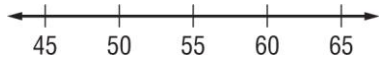
3. INTERSTATES On interstate highways, the minimum allowable lane width is 12 feet. Write and graph an inequality to show the possible width of a lane.



4. TRAVEL Traveling salespeople for a book company are paid at least \$250 for each trip they take to sell books. Write and graph an inequality to describe the amount salespeople are paid per trip.



5. SPEED LIMIT The speed limit on most state roads is 55 miles per hour. Write and graph an inequality to describe the legal speed on state roads.



6. TRIP Seniors who want to go on the group trip to the mountains have to pay at least \$400 of their total bill before the payment deadline. Write and graph an inequality to describe the acceptable payment.

