




Trini's car breaks down on a highway. Trini estimates that she is 20 to 30 miles from the nearest car repair shop. She calls a towing company that charges a fee of \$80 plus \$3 per mile to tow a car.

Let Statement:
Inequality to Solve:
Solution Method:
Algebraic Solution:
Graphical Solution: 
Written Solution:


Six less than two times a number is less than 10 or five times the number minus five is greater than 25. What values could the number be?

Let Statement:
Inequality to Solve:
Solution Method:
Algebraic Solution:
Graphical Solution: 
Written Solution:

Jerry is planning a party and wants to have a DJ with giveaways. He has found a DJ that will charge him \$500 for the music and provide giveaways for \$1.50 per person. If his goal is to keep the average cost per person between \$3.50 and \$4.00, how many people should he invite to the party?

Let Statement:
Inequality to Solve:
Solution Method:
Algebraic Solution:
Graphical Solution: 
Written Solution:

Five less than the product of -2 and a number is less than -15 or the sum of 3 times a number and 2 is less than -4. What values could the number be?

Let Statement:
Inequality to Solve:
Solution Method:
Algebraic Solution:
Graphical Solution: 
Written Solution: