

Lesson 2 Assignment Inequality Word Problems

Date _____ Period _____

- 1) What is the price of one extension cord if Trent can buy a package of 6 for less than \$7.26?

- 2) After paying \$5.00 for a salad, Sydney has more than \$27 left in her wallet. How much money did Sydney have in her wallet before buying her salad?

- 3) Four more than six times a number is at least 40. Find the possible range of values.

- 4) Rebecca bought one gold fish for \$32 and one starfish for \$12. She spends the rest of her money on guppy fish. Rebecca has at most \$80 to spend. Each guppy fish costs \$6. What are the possible number of guppy fish she can buy?

- 5) Sam has 3 bottles of water. Together, Sam and David have less than 15 bottles of water. What are the possible number of water bottles David can have?

- 6) The dance committee hired a DJ for the homecoming dance. The DJ charges \$125 per hour plus \$55 for an assistant. The committee wants to keep the total cost under \$600. What is the maximum amount of hours the DJ will play at the dance?

- 7) The sum of twice a number and 8 is greater than 47. Find the possible values of the number.

Answers to Lesson 2 Assignment Inequality Word Problems (ID: 1)

1) $0 \leq x < \$1.21$

2) $x > \$32.00$

3) $x \geq 6$

4) $0 \leq x \leq 6$

5) $0 \leq x < 12$

6) $0 \leq x < 4.36$

7) $x > 19.5$