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| **MULTI-STEP INEQUALITY WORD PROBLEMS (Math 7 Plus - Unit 3)** |
| 1. Admission to the state fair costs $7. In addition, each ride costs $2. If Ahmed wants to spend no more than $63 at the fair, what is the solution set for the number of rides he can take? | 2. Gabrielle went to the movie theater with her friends. She had $25.00 to spend. The movie ticket cost $6. What solution set represents how much money she had to spend on snacks? |
| 3) Pet Mart purchases dog food from PureFresh for $15 per bag. They sell the bags to their customers for $22 per bag. If the store wants to make a ***profit*** of no less than $4,410 on this dog food, what solution set represents how many bags of dog food that it needs to sell? | 4. Negative eight plus four times a number is greater than negative 64. What is the solution set for this number? |
| 5. Sondra has $219 to spend on new school clothes. She purchased a pair of shoes for $45 and a necklace for $12. The store was charging $18 for all shirts, pants, and other items of clothing. What solution represents the number of items of clothing that she can still purchase with the money left? | 6. 20 less than the quotient of a number and -6 is greater than or equal to 17. What is the solution set for this number? |
| 7. Negative four times the sum of a number and negative 12 is at least 212. What is the solution set for this number? | 8. Two times the difference of a number and four is no more than -198. What is the solution set for this number? |