Task card 1 Inequality Word Problems

A bowling alley charges $6 to rent shoes plus $10 for each game. Isla can spend at most $46. Write and solve an inequality for x, the number of games Isla can bowl.

Task card 2 Inequality Word Problems

Jamal sells bracelets for $5 each. The supplies cost $15 in all. Jamal wants to make a profit of more than $35. Write and solve an inequality for x, the number of bracelets Jamal must sell.

Task card 3 Inequality Word Problems

A truck and its load must weigh less than 23 tons to cross a bridge. The empty truck weighs 7 tons. Write and solve an inequality for x, the weight of the load in tons.

Task card 4 Inequality Word Problems

Emma has $25 and saves $16 more each week. Emma wants to have at least $105 for a tablet. Write and solve an inequality for x, the number of weeks Emma must save.

Task card 5 Inequality Word Problems

Paintbrushes cost $10 each. Chloe has $108 and also wants to buy a $22 canvas. What is the greatest number of paintbrushes Chloe can buy?

Task card 6 Inequality Word Problems

An elevator can carry at most 835 kilograms. A worker who weighs 85 kilograms gets in with boxes that weigh 50 kilograms each. Write and solve an inequality for x, the number of boxes the worker can take.

Task card 7 Inequality Word Problems

A phone plan costs $35 per month plus $4 for each gigabyte of data. Diego wants the monthly bill to be less than $63. Write and solve an inequality for x, the number of gigabytes Diego can use.

Task card 8 Inequality Word Problems

Diego needs at least 161 points to win a prize. Diego has 32 points and earns 12 points in each game. What is the least number of games Diego must play?

Task card 9 Inequality Word Problems

Maya has $155 and saves $26 more each week. Maya wants to have at least $259 for a tablet. Write and solve an inequality for x, the number of weeks Maya must save.

Task card 10 Inequality Word Problems

A tank holds 185 liters of water and drains 5 liters each minute. At least 145 liters must stay in the tank. Write and solve an inequality for x, the number of minutes the tank can drain.

Task card 11 Inequality Word Problems

Ben sells bracelets for $4 each. The supplies cost $25 in all. Ben wants to make a profit of more than $71. Write and solve an inequality for x, the number of bracelets Ben must sell.

Task card 12 Inequality Word Problems

Plants cost $10 each. Farid has $120 and also wants to buy a $14 watering can. What is the greatest number of plants Farid can buy?

Task card 13 Inequality Word Problems

Jamal has $32 on a lunch card and spends $4 each school day. Jamal wants more than $4 to be left on the card. Write and solve an inequality for x, the number of days Jamal can buy lunch.

Task card 14 Inequality Word Problems

A phone plan costs $15 per month plus $6 for each gigabyte of data. Ben wants the monthly bill to be less than $39. Write and solve an inequality for x, the number of gigabytes Ben can use.

Task card 15 Inequality Word Problems

Maya scored 70 and 78 on two quizzes. Maya wants a mean score of at least 78 on the first three quizzes. Write and solve an inequality for x, the score Maya needs on the third quiz.

Task card 16 Inequality Word Problems

Grace needs at least 84 points to win a prize. Grace has 34 points and earns 7 points in each game. What is the least number of games Grace must play?

Task card 17 Inequality Word Problems

Emma has $75 and saves $5 more each week. Emma wants to have at least $90 for a tablet. Write and solve an inequality for x, the number of weeks Emma must save.

Task card 18 Inequality Word Problems

A tank holds 284 liters of water and drains 11 liters each minute. At least 75 liters must stay in the tank. Write and solve an inequality for x, the number of minutes the tank can drain.

Task card 19 Inequality Word Problems

Chloe sells bracelets for $8 each. The supplies cost $30 in all. Chloe wants to make a profit of more than $114. Write and solve an inequality for x, the number of bracelets Chloe must sell.

Task card 20 Inequality Word Problems

Notebooks cost $7 each. Maya has $65 and also wants to buy a $25 calculator. What is the greatest number of notebooks Maya can buy?

Task card 21 Inequality Word Problems

Maya has $57 on a lunch card and spends $6 each school day. Maya wants more than $9 to be left on the card. Write and solve an inequality for x, the number of days Maya can buy lunch.

Task card 22 Inequality Word Problems

A phone plan costs $20 per month plus $7 for each gigabyte of data. Ava wants the monthly bill to be less than $104. Write and solve an inequality for x, the number of gigabytes Ava can use.

Task card 23 Inequality Word Problems

Ben scored 97 and 82 on two quizzes. Ben wants a mean score of at least 91 on the first three quizzes. Write and solve an inequality for x, the score Ben needs on the third quiz.

Task card 24 Inequality Word Problems

Noah needs at least 109 points to win a prize. Noah has 49 points and earns 17 points in each game. What is the least number of games Noah must play?

Inequality Word Problems Task Cards

Recording sheet · Grade 7 · Write an inequality for each situation and solve it. Give the solution like x ≥ 12 (you can type >= for ≥ and <= for ≤). When the question asks for a number, write just the number.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Inequality Word Problems Task Cards: Answer Key

Grade 7 · Medium

The answers online

1. $x \leq 4$	**2.** $x > 10$	**3.** $x < 16$
4. $x \geq 5$	**5.** 8	**6.** $x \leq 15$
7. $x < 7$	**8.** 11	**9.** $x \geq 4$
10. $x \leq 8$	**11.** $x > 24$	**12.** 10
13. $x < 7$	**14.** $x < 4$	**15.** $x \geq 86$
16. 8	**17.** $x \geq 3$	**18.** $x \leq 19$
19. $x > 18$	**20.** 5	**21.** $x < 8$
22. $x < 12$	**23.** $x \geq 94$	**24.** 4