Inequality Word Problems · 1

Movie tickets cost $12 each. Noah can spend at most $60 on tickets. Write and solve an inequality for x, the number of tickets Noah can buy.

Inequality Word Problems · 2

A bowling alley charges $4 to rent shoes plus $3 for each game. Chloe can spend at most $13. Write and solve an inequality for x, the number of games Chloe can bowl.

Inequality Word Problems · 3

Diego has 15 trading cards and wants to have more than 18 cards. Write and solve an inequality for x, the number of cards Diego still needs.

Inequality Word Problems · 4

Kira has $75 and saves $5 more each week. Kira wants to have at least $95 for a tablet. Write and solve an inequality for x, the number of weeks Kira must save.

Inequality Word Problems · 5

A club needs at least $50 for a trip. Each of its 5 members pays the same amount. Write and solve an inequality for x, the number of dollars each member must pay.

Inequality Word Problems · 6

An elevator can carry at most 268 kilograms. A worker who weighs 93 kilograms gets in with boxes that weigh 35 kilograms each. Write and solve an inequality for x, the number of boxes the worker can take.

Inequality Word Problems · 7

A truck and its load must weigh less than 16 tons to cross a bridge. The empty truck weighs 11 tons. Write and solve an inequality for x, the weight of the load in tons.

Inequality Word Problems · 8

Chloe wants to read at least 36 pages this week and has read 26 pages so far. Write and solve an inequality for x, the number of pages Chloe still has to read.

Inequality Word Problems · 2

ANSWER

$x \leq 3$

Inequality Word Problems · 1

ANSWER

$x \leq 5$

Inequality Word Problems · 4

ANSWER

$x \geq 4$

Inequality Word Problems · 3

ANSWER

$x > 3$

Inequality Word Problems · 6

ANSWER

$x \leq 5$

Inequality Word Problems · 5

ANSWER

$x \geq 10$

Inequality Word Problems · 8

ANSWER

$x \geq 10$

Inequality Word Problems · 7

ANSWER

$x < 5$

Inequality Word Problems · 9

Jamal wants to read at least 25 pages this week and has read 21 pages so far. Write and solve an inequality for x, the number of pages Jamal still has to read.

Inequality Word Problems · 10

A bowling alley charges $6 to rent shoes plus $4 for each game. Chloe can spend at most $14. Write and solve an inequality for x, the number of games Chloe can bowl.

Inequality Word Problems · 11

Movie tickets cost $8 each. Ava can spend at most $40 on tickets. Write and solve an inequality for x, the number of tickets Ava can buy.

Inequality Word Problems · 12

Kira has $55 and saves $7 more each week. Kira wants to have at least $104 for a tablet. Write and solve an inequality for x, the number of weeks Kira must save.

Inequality Word Problems · 13

Maya has 30 trading cards and wants to have more than 43 cards. Write and solve an inequality for x, the number of cards Maya still needs.

Inequality Word Problems · 14

An elevator can carry at most 220 kilograms. A worker who weighs 80 kilograms gets in with boxes that weigh 35 kilograms each. Write and solve an inequality for x, the number of boxes the worker can take.

Inequality Word Problems · 15

A club needs at least $21 for a trip. Each of its 7 members pays the same amount. Write and solve an inequality for x, the number of dollars each member must pay.

Inequality Word Problems · 16

A truck and its load must weigh less than 15 tons to cross a bridge. The empty truck weighs 11 tons. Write and solve an inequality for x, the weight of the load in tons.

Inequality Word Problems · 10

ANSWER

$x \leq 2$

Inequality Word Problems · 9

ANSWER

$x \geq 4$

Inequality Word Problems · 12

ANSWER

$x \geq 7$

Inequality Word Problems · 11

ANSWER

$x \leq 5$

Inequality Word Problems · 14

ANSWER

$x \leq 4$

Inequality Word Problems · 13

ANSWER

$x > 13$

Inequality Word Problems · 16

ANSWER

$x < 4$

Inequality Word Problems · 15

ANSWER

$x \geq 3$

Inequality Word Problems · 17

A bowling alley charges $8 to rent shoes plus $4 for each game. Noah can spend at most $40. Write and solve an inequality for x, the number of games Noah can bowl.

Inequality Word Problems · 18

Kira sells bracelets for $8 each. The supplies cost $25 in all. Kira wants to make a profit of more than $111. Write and solve an inequality for x, the number of bracelets Kira must sell.

Inequality Word Problems · 19

Emma wants to read at least 37 pages this week and has read 27 pages so far. Write and solve an inequality for x, the number of pages Emma still has to read.

Inequality Word Problems · 20

Jamal has $70 and saves $11 more each week. Jamal wants to have at least $136 for a tablet. Write and solve an inequality for x, the number of weeks Jamal must save.

Inequality Word Problems · 21

Comic books cost $5 each. Farid has $52 and also wants to buy a $23 poster. What is the greatest number of comic books Farid can buy?

Inequality Word Problems · 22

An elevator can carry at most 322 kilograms. A worker who weighs 62 kilograms gets in with boxes that weigh 20 kilograms each. Write and solve an inequality for x, the number of boxes the worker can take.

Inequality Word Problems · 23

A phone plan costs $20 per month plus $4 for each gigabyte of data. Ben wants the monthly bill to be less than $56. Write and solve an inequality for x, the number of gigabytes Ben can use.

Inequality Word Problems · 24

Isla needs at least 53 points to win a prize. Isla has 22 points and earns 10 points in each game. What is the least number of games Isla must play?

Inequality Word Problems · 18

ANSWER

$x > 17$

Inequality Word Problems · 17

ANSWER

$x \leq 8$

Inequality Word Problems · 20

ANSWER

$x \geq 6$

Inequality Word Problems · 19

ANSWER

$x \geq 10$

Inequality Word Problems · 22

ANSWER

$x \leq 13$

Inequality Word Problems · 21

ANSWER

5

Inequality Word Problems · 24

ANSWER

4

Inequality Word Problems · 23

ANSWER

$x < 9$