

Lesson 7-1 "Model/Write 2-step Inequalities" p. 67

ST: Represent quantities in real-world
Construct 2-step inequalities to solve problems

Vocab: Inequality

Qs $>, <, \leq, \geq$

As.

① What are Inequalities?
(IQ)

$<$	\leq	$>$	\geq
less than	less than or =	greater than	greater than or =
below	to	over	to
under	at most	above	at least

② What are the parts?

ex) Mayra makes paper airplanes. ^{flowers}
15 flowers made
can make 5 per hour.

How many hours to make at least 100 flowers?

$$5h + 15 \geq 100$$

\uparrow \uparrow \nwarrow need
 5 per hour already made

\swarrow at least

Lesson 7-2 "Solving 2-Step Inequalities" p. 70

LT: Solve 2-Step Inequalities
& Construct

Vocab: combine like terms

Qs

① How do you solve Inequalities?

* Just like equations ☺

As (eq)	(IQ)
ex) $3n - 4 = 5$ $\downarrow +4 \quad +4$ <hr/> $3n = 9$ $\frac{3}{3} \quad \quad \frac{9}{3}$ <hr/> $n = 3$	$3n - 4 \geq 5$ $\downarrow +4 \quad +4$ <hr/> $3n \geq 9$ $\frac{3}{3} \quad \quad \frac{9}{3}$ <hr/> $n \geq 3$

h is 3 & only 3

same ☺

h is 3 and #s > than 3

② How do you graph?

