## **Curriculum Outcome**

PR1: . Generalize a pattern arising from a problem-solving context using linear equations and verify by substitution.

PR3. Model and solve problems using linear equations of the form:

ax = b; = b,  $a \ne 0$ ; ax + b = c; +b = c,  $a \ne 0$ ; = b,  $x \ne 0$  ax ax xa ax + b = cx + d; a(bx + c) = d(ex + f); a(x + b) = c; ax = b + cx concretely, pictorially and symbolically, where a, b, c, d, e, and f are rational numbers

Student Friendly: Replacing the equal sign with an inequality sign (ie. <, >)

Feb 15-7:58 AM







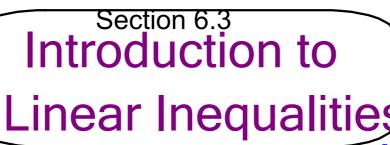


Last nights

homework

## Text book questions or worksheet questions

Feb 24-9:54 PM



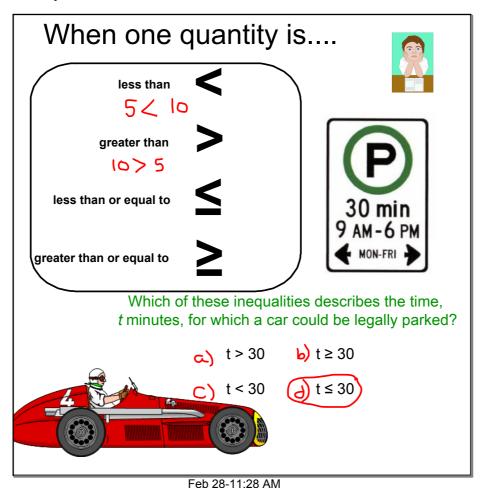
What is an inequality?

Smallest man

29 inches
or 0.74m tall

We use inequalities to model situations that can be described by a range of numbers instead of a single number.

"Pick a number greater than 7."



Define a variable and write an inequality for each of the following situation: SPEED Store at emperatures below 4°C Variable: s, speed Variable: *t*, temperature Inequality: s≤55 Inequality: t < 4 Height Restriction You must be at least 102 cm to go on this ride. Variable: h, height Variable: a, age Inequality: h ≥ 102 Inequality: a ≥ 14

Feb 28-11:34 AM

