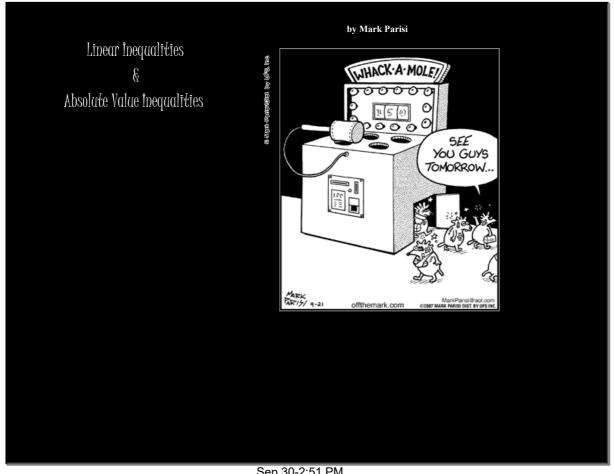


Oct 6-10:32 AM

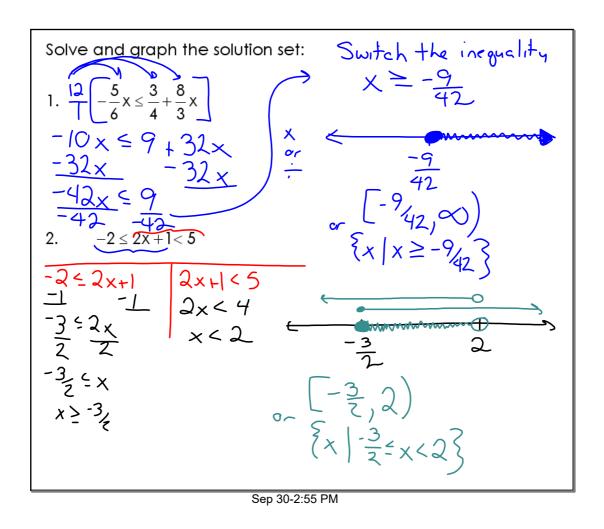


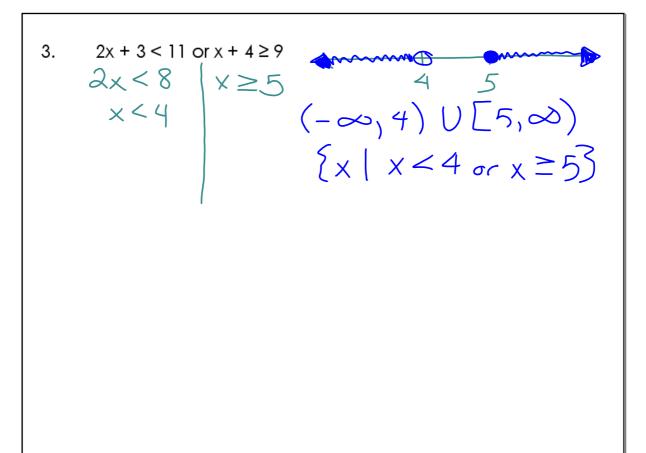
Sep 30-2:51 PM

Conjunction → and, both need to be true

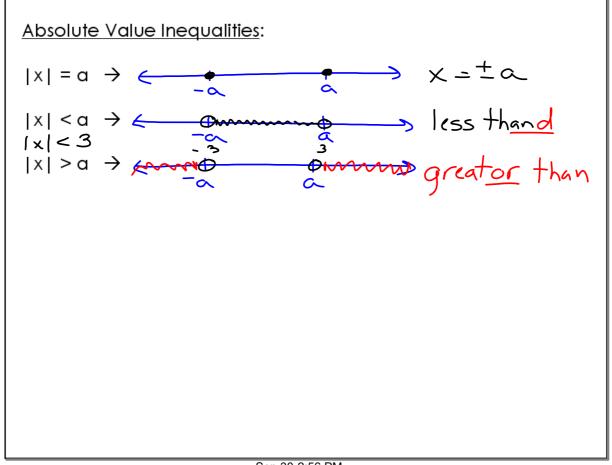
Disjunction → or, only one needs to be true

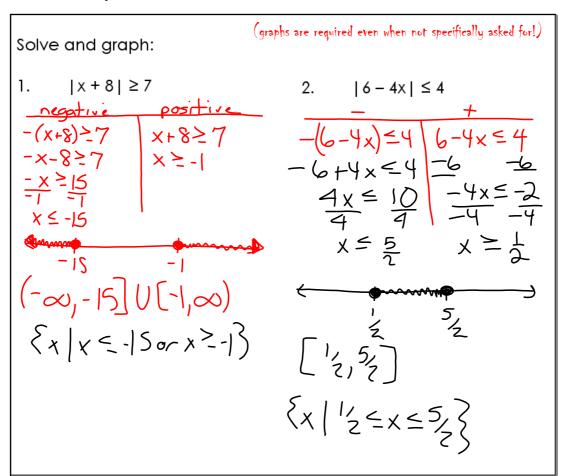
Sep 30-2:55 PM





Sep 30-2:55 PM





3.
$$\left|\frac{2x+1}{3}\right| > 5$$

$$-\left(\frac{2x+1}{3}\right) > 5$$

$$-\frac{2x-1}{3} > 5$$
See 20 2:56 PM

From Text:

Pg 249 - 250: 58, 65, 66

58. Gina plans to invest \$12,000, part at 4% simple interest and the rest at 6% simple interest. What is the most she can invest at 4% and still be guaranteed at least \$650 in interest per year?

Let
$$x = a_{mount} @ 4\%$$

12,000- $x : a_{mount} @ 6\%$
.4x+.6(12000- x) >650

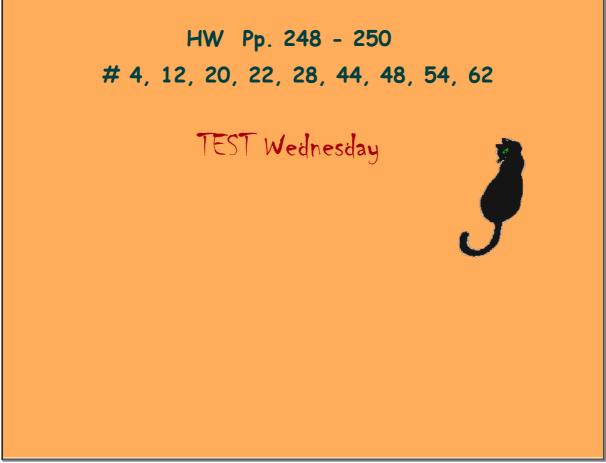
Sep 14-9:20 AM

65. Explain why |x| < p has no solution for $p \le 0$.

1x1<0 1x1<-1 p is 0 or negative absolute value measures your distance from Owhich must be positive

66. Explain why all real numbers are solutions of |x| > p, for p < 0.

1x1>-1 pis nagative abs value will always be positive



Oct 17-12:08 PM