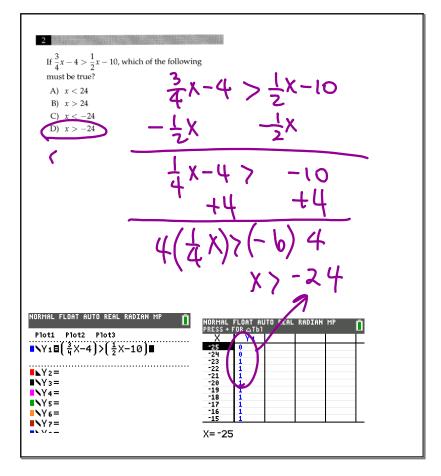
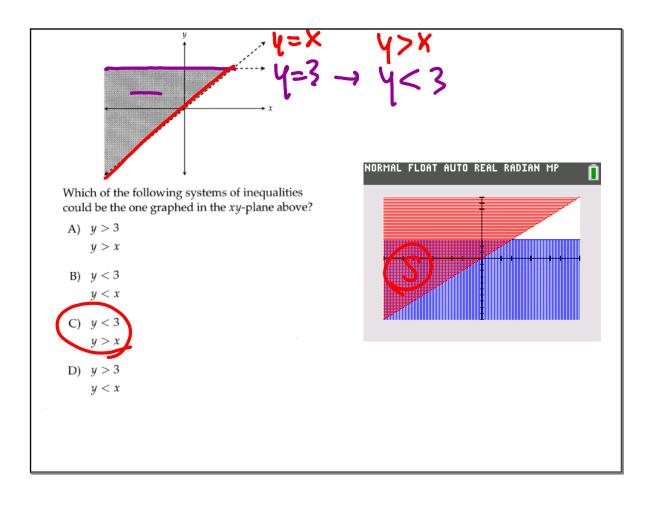
Do #1 to 4

Which of the following is a solution to the inequality -x - 4 > 4x - 14?

D) 8





4

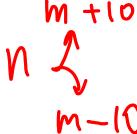
Jerry estimates that there are *m* marbles in a jar. Harry, who knows the actual number of marbles in the jar, notes that the actual number, *n*, is within 10 marbles (inclusive) of Jerry's estimate. Which of the following inequalities represents the relationship between Jerry's estimate and the actual number of marbles in the jar?

A)
$$n + 10 \le m \le n - 10$$

B)
$$m - 10 \le n \le m + 10$$

C)
$$n \le m \le 10n$$

D)
$$\frac{m}{10} \le n \le 10m$$



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A manufacturer produces chairs for a retail store according to the formula, M = 12P + 100, where M is the number of units produced and P is the retail price of each chair. The number of units sold by the retail store is given by N = -3P + 970, where N is the number of units sold and P is the retail price of each chair. What are all the values of P for which the number of units produced is greater than or equal to the number of units sold?

- A) P ≥ 58
- B) $P \le 58$
- C) $P \ge 55$
- D) $P \le 55$