MATH **017** CLASSWORK 12

[Run: 07/24/2020 at 18:23 Seed: 6477. Order of Checkable Items: List.]

The idea in this CLASSWORK is

Cw **12-1.** Given the double affine problem in **Dollars**

$$\text{BOTH} \begin{cases} -2x + 4 \leqq -5x + 10 \\ -4x + 20 > 0 \end{cases}$$

Determine:

i. The boundaries of the solution subset.

ii. Which of the boundaries, if any, are in the solution subset.

iii. Which of the intervals, if any, are in the solution subset.

iv. The graph the solution subset.

v. The name the solution subset.

Cw **12-2.** Given the double affine problem in **Dollars**

$$\text{EITHER ONE OR BOTH} \begin{cases} -2x + 4 > -5x + 10 \\ -4x + 20 < 0 \end{cases}$$

Determine:

i. The boundaries of the solution subset.

ii. Which of the boundaries, if any, are in the solution subset.

iii. Which of the intervals, if any, are in the solution subset.

iv. The graph the solution subset.

v. The name the solution subset.

Cw **12-3.** Given the double affine problem in **Dollars**

$$\text{EITHER ONE BUT NOT BOTH} \begin{cases} -2x + 4 < -5x + 10 \\ -4x + 20 \geqq 0 \end{cases}$$

Determine:

i. The boundaries of the solution subset.

ii. Which of the boundaries, if any, are in the solution subset.

iii. Which of the intervals, if any, are in the solution subset .

iv. The graph the solution subset.

v. The name the solution subset.