1.) Find the value of $x $which satisfies the equation below:

a. $\frac{1}{2}\left(3x+17\right)=\frac{1}{6}(8x-10)$ b. $-2\left(x-3\right)=17$

2.) Which approximate value of $x$ satisfies the equation shown?

$$\frac{8}{7}\left(x-\frac{101}{220}\right)+4\left(x+\frac{8}{9}\right)= 38$$

A) 4.29

B) 4.65

C) 6.6

D) 6.8

3.) The number $k$ can be determined in the following way: Multiply $m$ by 2, add $3n$ to the result, and subtract $(4m-5n)$ from this sum. What is the value of $k$ in terms of $m$ and $n$?

**Algebra I – Bellwork #17 Date: \_\_\_\_\_\_\_\_\_\_**

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