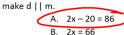
April 13, 2014

1. Think About the Process

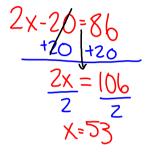
a. Write an equation in terms of \boldsymbol{x} that will



C.
$$180 - (2x - 20) = 86$$

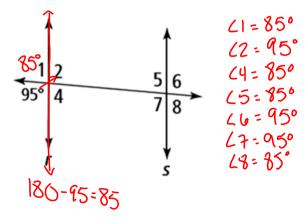
D.
$$2x - 20 = 4$$

b. Find the value of x for which d | | m.



Close and Check.

What is the measure of EVERY angle?

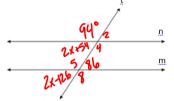


 Multiple Representations Using alternate interior angles, write an equation in terms of x that will make line m | | n.

m

d

(2x-70) 86°



a. Which of the following equations will make line m | | n?

A.
$$2x + 54 = 86$$
B. $2x - 126 = 94$

C.
$$2x + 54 = 94$$
 D. $2x - 126 = 86$

b. Find the value of x that makes line m || n.

c. Find the measure of a different pair of angles that will make line m | | n. Justify your reasoning.

5. Complete Example #4.

Got It?

What is $m \angle F$?

