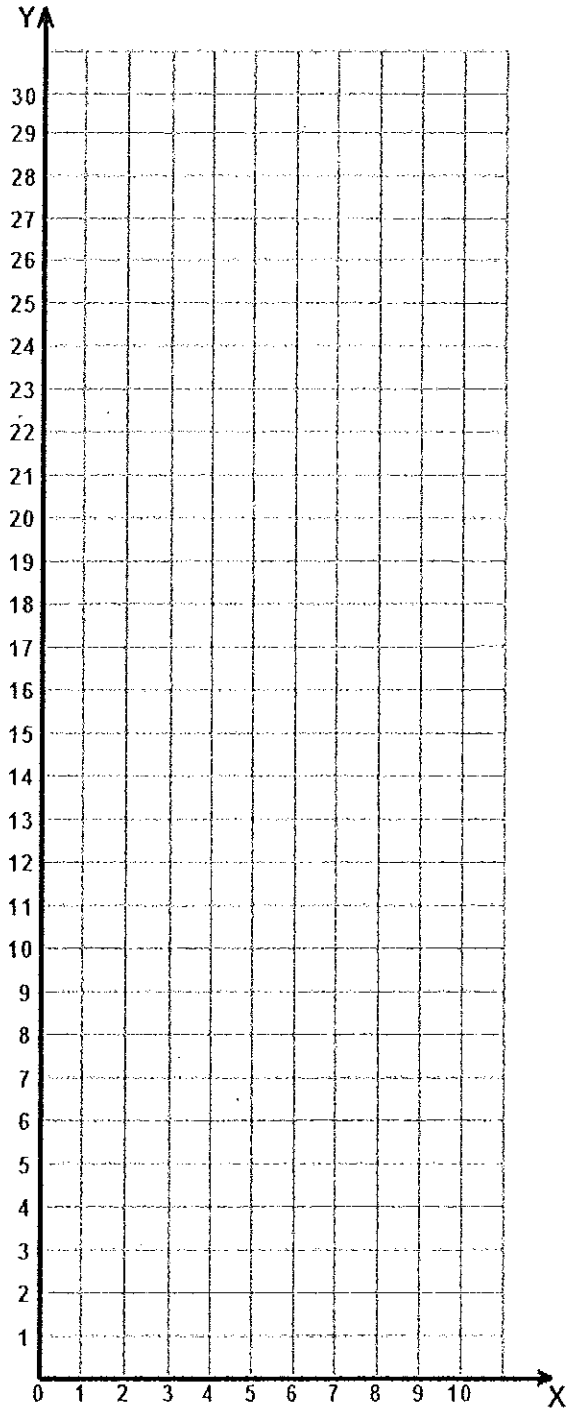
5-41



CHUBBY BUNNY

x	0	1	2	3	4	5	6	7	8
y									

FAT CAT

x	0	1	2	3	4	5	6	7	8
y									

5-42

$y = \underbrace{3x + 5}_{\text{weight of bunny}}$ and $y = \underbrace{x + 19}_{\text{weight of cat}}$

a. Set the weights equal to each other.

=

b. Solve the equation from part a:

c. How much did the cat and bunny weigh at this time?

CHUBBY BUNNY & FAT CAT CONCLUSION:

In complete sentences, explain when Barbara's bunny and cat weigh the same and what there weights will be.

Do your graph, table, and rules all show the same answer? Why should they?