Write this statement as a biconditional:

A book is something that you read.

It's about Iff you Can read it.

Write the two conditionals that make up the biconditional.

Of its a book, then you can read it. If you can read it, then It's a book

Is the original statement a good definition of a book? Why?

No, because the 2nd conditional

Finish this proof that x=3 by filling in the remaining steps and the reasons that justify each step.

Given: AB = 20 Prove: X = 3

Step

1. AB = 20

2. AR + RB = AB

1. Given 2 Seg add post.

3. X+1+3x+7=20
3. Substitution
4. 4x+8=20
5 4x+6-8=20-8
6. 4x=12
7. DIV prop=
6. Simplify

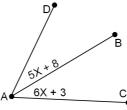
8. SIMplifx

Finish this proof that x=5 by filling in the remaining steps and the reasons

that justify each step.

Given: AB bisects Angle DAC

Prove: x = 5



Step

- 1. AB bisects Angle DAC
- 2. Angle DAB ≅ Angle BAC

$$3.5x+6 = 6x+3$$

Reason

- 1. Given
- 2. Def of bisect

4. Subtraction prop = 5.
6. Symmetric prop