1. Use this conditional:
If ten is divided by any number, then the result is a number less than ten.

a. State the hypothesis. Ten ÷ by any #

b. State the conclusion. # < 10

c. Is this conditional true? If no, give a counterexample.
False 10 ÷ 1 = 10 & not < 10

2. Use this conditional:
If you're late for work, then you'll get fired.

Model this conditional with a Venn Diagram.

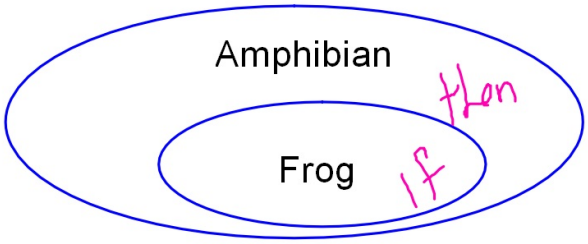
3. Use this conditional:
If a figure is a triangle, then it has three sides. (exactly)

a. Is this conditional true? If no, give a counterexample.
True

b. Write the converse of this conditional.
If a figure has (exactly) 3 sides, then it's a △

c. Is the converse true? If no, give a counterexample.

4. Write the conditional represented by the Venn Diagram:



If it's a frog, then it's an amph.