

QUIZ 1:

NAME: _____

1) Describe the process required to show that two sets A and B are equal. You may give an example if you would like.

2) Explain why $A - B \subset A$. You may draw a Venn diagram to help your argument.

3) Does the following definition of f define a function on \mathbb{R} .
 $f(x) = |x - 1|$ if $x < 2$ and $f(x) = |x| - 1$ if $x > -1$