1.

2.

3.

4.

5.

6.

7.

8.

11

a)

b)c)

d)

Name
Date Due
Hand In With Corrections by
Chemistry 12 Worksheet 4-2 Bronsted Acids and Equilibria Write the formula for a <i>proton</i> (1 mark) Write the formula for a <i>hydrated proton</i> (1 mark)
With the state of
Write the formula for a <i>hydronium</i> ion(1 mark)
Give the Arrhenius definition of an acid(1 mark)
Give the <i>Arrhenius</i> definition of a <i>base</i> (1 mark)
Give the <i>Bronsted</i> definition of an <i>acid</i> (1 mark)
Give the <i>Bronsted</i> definition of a <i>base</i> (1 mark)
Given the equation: $HCO_3^- + H_2S \rightleftharpoons H_2CO_3 + HS^-$

Chemistry 12-Worksheet 4-2—Bronsted Acids and Equilibria

The **acid** on the left side is (1 mark) _____

The **base** on the left side is (1 mark) ____

The **acid** on the right side is (1 mark) ___

The **base** on the right side is (1 mark) ___

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