

Qualitative and Quantitative Observations Quiz

NAME: _____ DATE: _____ PERIOD: _____

Fill in the blank:

Write "qualitative" or "quantitative", or "BOTH" (if the statement is qualitative and quantitative).

_____ 1) Copper sulfate crystals are blue and can be used as an algacide.

_____ 2) Copper (II) chloride solution reacts faster with aluminum foil than copper (II) sulfate solution.

_____ 3) Aluminum foil is thin, shiny and silver in color.

_____ 4) Mercury is a silvery liquid with a density of 13.6 g/mL.

_____ 5) A piece of copper piping measures one inch in diameter.

Fill in the blank:

Write "chemical" or "physical".

_____ 6) Copper (II) chloride crystals dissolve in water.

_____ 7) Charcoal burns on a grill.

_____ 8) Iron rusts in the presence of oxygen and water.

_____ 9) A precipitate forms when two clear liquids are poured together.

_____ 10) Aluminum foil reacts with copper (II) chloride solution.