

Introduction to Guess and Check Tables

*Also known as **5-D Problems** in your textbook. *Put this sheet in your notes section!

Use the guess and check table below to solve the following problem. You will need two headings for each column: a word heading and an algebraic expression heading. You will need four guesses. You will need to write your answer in a complete sentence, with labels if necessary.

Problem: *Mrs. Brown has four cats. Her black cat is six years older than her white cat. Her calico cat is one year older than twice the age of her white cat. The striped cat is two years younger than the calico cat. Together the ages add up to 42 years. How old is each cat?*

Guess	White	Black	Calico	Striped	Sum of Ages	Check

Write a sentence and be sure to answer the question:

Guess and Check Notes #2 (complete with your group)

Shiloh, Darby, Jay, and Molly are all good friends. Shiloh is nine years younger than Darby. Jay is twice as old as Darby. And, Molly is five years younger than Jay. The sum of their ages is 148 years. How old are Molly and Shiloh?

On your Guess & Check table you will need a word heading and an algebraic equation heading. Your table will have six columns.