

# Math 2283 - Introduction to Logic

Quiz #2 - 2017.01.13

Name: \_\_\_\_\_

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Determine which of the following expressions are sentential functions, and which are designatory functions:

1. the father of  $x$

2. the mother of  $x$  lives in Oklahoma

3. the sum of twice a number  $x$  is greater than three times a number  $y$

4. the sum of twice a number  $x$  and three times a number  $y$

5.  $x$  is a snake and is venomous