Name: _____

Date: _____

Homework 4

Answer the questions in the spaces provided. If you run out of room for an answer,
continue on the back of the page

Question:	1	2	3	4	5	6	7	Total
Points:	5	5	5	25	20	20	20	100
Score:								

1. (5 points) The _____ involves pushing complexity into the middle.

2. (5 points) Which of the following is an attribute of Turing Complete languages?

   A. A form of conditional repetition or jump

   B. An IDE

   C. Syntax and Style

   D. A stack

3. (5 points) Circle the three types of nodes in Merkle Patricia Trees

   A. NULL (empty string)

   B. A two-item array (kv node)

   C. A 17-item array (diverge or branch node)

   D. Hash Pointer (SHA-256)

4. (25 points) What is Ether?

   _____

   _____

   _____

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5. (20 points) What is the difference between a Turing Complete language and a Stack Based language?

   _____

   _____

   _____

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   _____

   _____

   _____

6. (20 points) What is the point of a Patricia Tree?

7. (20 points) What are the 3 things stored in Block Headers?