1 Identification of propositions and eventual truth values.

a) The sentence "Boston is the capital of Massachusetts." is a proposition, the truth value is true.

b) The sentence "Miami is the capital of Florida." is a proposition, the truth value is false.

c) $2 + 3 = 5$ is a proposition, the truth value is true.

d) $5 + 7 = 10$ is a proposition, the truth value is false.

e) $x + 2 = 11$ is not a proposition.

f) The sentence "Answer this question." is not a proposition.

2 Identification of propositions and eventual truth values.

a) The sentence "Do not pass go." is not a proposition.

b) The sentence "What time is it?" is not a proposition.

c) The sentence "There are no black flies in Maine." is a proposition, the truth value is false since there are black flies in Maine.

d) $4 + x = 5$ is not a proposition.

e) The sentence "The moon is made of green cheese." is a proposition, the truth value is false.

f) $2^n > 100$ is not a proposition.