Homework Solutions
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Exercise 1

(a) Let μ be the mean temperature in Wayne County for the month of January. Then the hypotheses are

$$H_0 : \quad \mu = 33$$
$$H_1 : \quad \mu < 33$$

(b) Let μ be the mean age of medical students at WSU. Then the hypotheses are

$$H_0 : \quad \mu = 26$$
$$H_1 : \quad \mu > 26$$

(c) Let μ be the mean score on an entrance exam. Then the hypotheses are

$$H_0 : \quad \mu = 200$$
$$H_1 : \quad \mu \neq 200$$