P-value Applet: $H_0: \mu = 20$ $H_a: \mu > 20$, $n = 4$, $\sigma = 4$

Repeat: 25 from $\mu = 20$ | 25 from $\mu = 24$

	$\bar{x}$	p	< .10	$\bar{x}$	p	< .10
1	19.9	.5239		23.8	.0301	x
2	19.3	.6293		26.—	.0014	x
3	20.9	.3192		24	.0228	x
4	20.6	.3821		25.8	.0020	x
5	22—	.1587		26.3	.0009	x
6	20.7	.3557		22.4	.1190	
7	23—	.0694	x	23.5	.0401	x
8	22.8	.0793	x	22.6	.0934	x
9	21.1	.2912		25.7	.0023	x
10	21.3	.2643		24.0	.0228	x
11	20.4	.3632		24.—	.0233	x
12	17.3	.9099		26.3	.0008	x
13	23.1	.0606	x	24.8	.0078	x
14	22.9	.0708	x	24.5	.0119	x
15	24.4	.0136	x	22.7	.0918	x
16	19.8	.5319		22.6	.0968	x
17	21.4	.2483		24.3	.0166	x
18	17.7	.8790		20.0	.5000	
19	18.8	.7324		23.3	.0505	x
20	18.2	.8106		22.7	.0918	x
21	17.9	.8508		25—	.0059	x
22	19.0	.6844		24.1	.0192	x
23	25.1	.0057	x !	20.7	.3594	
24	14.6	.9963		25.3	.0038	x
25	20.7	.3557		26.0	.0014	x

Sig. at .10: 6 of 25 = 24%
(expected 2½ 10%)

23 of 25 = 92%