

Exer 17.2

[H/H112]

Here is an ANOVA table (with the “intercept” term included) from a fictional study of scores assigned to various flavors, textures, densities, and chunkiness of ice cream. Some of the values in the table have been left out. Figure out from the rest of the table what they should be.

	Df	Sum-Sq	Mean-Sq	F-value	p-value
(intercept)	1	_A_	200	_B_	_C_
flavor	8	640	80	_D_	_E_
density	__F	100	100	2	0.160
fat-content	1	300	_G_	6	0.015
chunky	1	200	200	4	0.048
Residuals	100	5000	50		

1. The value of A: # to within $\pm .1$ [Exer 17.2-1](#)
2. The value of B: # to within $\pm .1$ [Exer 17.2-2](#)
3. The value of C: (give 3 places after the decimal): # to within $\pm .001$ [Exer 17.2-3](#)
4. The value of D: # to within $\pm .1$ [Exer 17.2-4](#)
5. The value of E: (give 3 places after the decimal point) # to within $\pm .001$ [Exer 17.2-5](#)
6. The value of F: # to within $\pm .1$ [Exer 17.2-6](#)
7. The value of G: # to within $\pm .1$ [Exer 17.2-7](#)
8. How many cases are involved altogether? # to within $\pm .1$ [Exer 17.2-8](#)
9. How many different flavors were tested? # to within $\pm .1$ [Exer 17.2-9](#)