

ats h2 Sec 2.1 + 2.2 Review

Use the table below to answer questions 1 -9.

Daily Low Temperature (F°)	Frequency	Midpoints	Relative Frequency	Cumulative Frequency	Class Boundaries
35-39	1	$\frac{35+39}{2} = \frac{74}{2} = 37$	$\frac{1}{35} = .03$	1	34.5 - 39.5
40-44	3	42	$\frac{3}{35} = .09$	4	39.5 - 44.5
45-49	5	47	$\frac{5}{35} = .14$	9	44.5 - 49.5
50-54	11	52	$\frac{11}{35} = .31$	20	49.5 - 54.5
55-59	7	57	$\frac{7}{35} = .20$	27	54.5 - 59.5
60-64	7	62	$\frac{7}{35} = .20$	34	59.5 - 64.5
65-69	$\frac{1}{\Sigma f = 35}$	67	$\frac{1}{35} = .03$	35	64.5 - 69.5

1. Class width = 5 (subtract consecutive LL's or UL's)

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6. About 74% of the days had a low temp of 50°F ^{or higher}

7. I added the frequencies from last 4 classes & divided by the sample size ($26 \div 35$)

8. 8 days had low temps in the 40's

9. I added the frequencies in these 2 classes 40-44 & 45-49.

10.