Chapter 2 Learning Objectives	Section	Related Example on Page(s)	Relevant Chapter Review Exercise(s)	Can I do this?
Find and interpret the percentile of an individual value within a distribution of data.	2.1	86	R2.1	
Estimate percentiles and individual values using a cumulative relative frequency graph.	2.1	87, 88	R2.2	
Find and interpret the standardized score (z-score) of an individual value within a distribution of data.	2.1	90, 91	R2.1	
Describe the effect of adding, subtracting, multiplying by, or dividing by a constant on the shape, center, and spread of a distribution of data.	2.1	93, 94, 95	R2.3	
Estimate the relative locations of the median and mean on a density curve.	2.2	Discussion on 106–107	R2.4	
Use the 68–95–99.7 rule to estimate areas (proportions of values) in a Normal distribution.	2.2	111	R2.5	
Use Table A or technology to find (i) the proportion of z-values in a specified interval, or (ii) a z-score from a percentile in the standard Normal distribution.	2.2	114, 115, Discussion on 116	R2.6	
Use Table A or technology to find (i) the proportion of values in a specified interval, or (ii) the value that corresponds to a given percentile in any Normal distribution.	2.2	118, 119, 120	R2.7, R2.8, R2.9	
Determine whether a distribution of data is approximately Normal from graphical and numerical evidence.	2.2	122, 123, 124	R2.10, R2.11	