

Homework Solutions

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Exercise 33

- (a) The distribution is certainly unimodal. I would also say that it is skewed to the right, although conceivably someone might say that it is symmetric.
- (b) This would include only the first class, whose count is 5. So the percentage is $\frac{5}{31} \times 100\% = 16\%$.
- (c) Five minutes is 300 seconds, so this would include the last two classes. Thus, 2 customers spent five minutes or longer in line.
- (d) No. We know that the maximum is at last 350 seconds, but less than 400 seconds. But we do not know the exact value.