

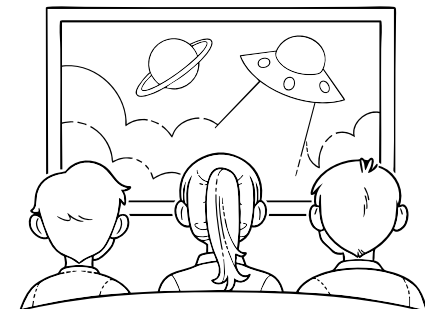
Name: \_\_\_\_\_

## Stem-and-Leaf Plots

Andre polls all his cousins about the run time of the last movie they watched. Use the answers recorded below to fill in the stem-and-leaf plot and answer the questions.

112 123 108 98 141 115 154 116 122

Add a title:



stem

leaf

Key:



# Preview

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3. **True or false:** Only 4 movies were under 2 hours.

4. **True or false:**  $\frac{1}{3}$  of the movies were between 120–150 minutes.

5. What is the range of run times?

6. Is there a mode run time? If so, what is it?

7. Circle the leaf of the median runtime. What is the median run time?

8. What is the mean run time? Show your work below.

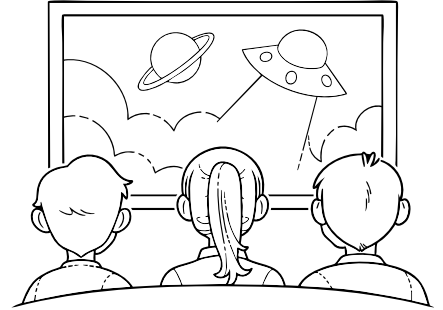
# ANSWER KEY

## Stem-and-Leaf Plots

Andre polls all his cousins about the run time of the last movie they watched. Use the answers recorded below to fill in the stem-and-leaf plot and answer the questions.

112 123 108 98 141 115 154 116 122

Add a title:



Answers may vary. Example: Run Time of Last Movie Watched

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$$\frac{98 + 108 + 112 + 115 + 116 + 123 + 141 + 154 + 122}{9} = \frac{1,089}{9} = 121$$