

Chapter 8 DATA, GRAPHS, AND STATISTICS

8.4 Circle Graphs

Learning Objectives

- Extract and interpret data from circle graphs.
- Draw circle graphs.

Key Terms

Use the vocabulary terms listed below to complete each statement in Exercises 1–2.

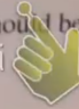
pie chart

100%

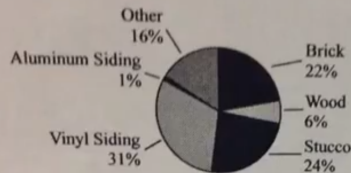
wedge

- Another name for a circle graph is a _____.
- The total of all the sections, or _____s, of a circle graph should be _____.

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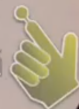


The following circle graph shows the distribution of types of material used for the exterior walls of newly built single-family homes. Use the graph for Exercises 9–14.



- What percent of homes have exterior walls that are stucco? 9. _____
- Together what percent of homes have exterior walls that are vinyl or aluminum siding? 10. _____
- If 20,000 homes are built in a month, how many would be expected to have wood exterior walls? 11. _____
- If 46,000 homes are built in a year, how many are expected to have brick exterior walls? 12. _____
- What percent of all new single-family homes are built with exterior walls that are not vinyl siding? 13. _____
- What percent of all new single-family homes are built with exterior walls that are not brick or stucco? 14. _____

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A breakdown of a company's expenses in 2012 is shown to the right. If the company spent \$500,000 in 2012, how much of this was not spent on salaries?

