

REVIEW: Histograms

Name _____

Key Concept and Vocabulary

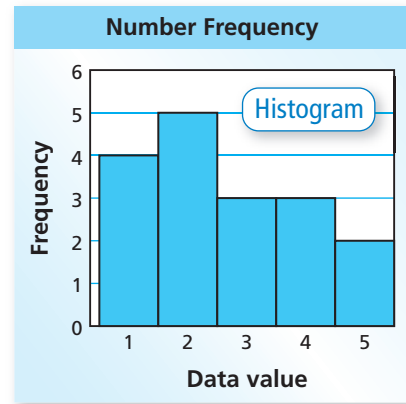
Data Value	Tally	Frequency
1	IIII	4
2	IIII	5
3	III	3
4	III	3
5	II	2

Frequency tables



Visual Model

A histogram shows the frequency of data values in intervals of the same size.



Skill Example

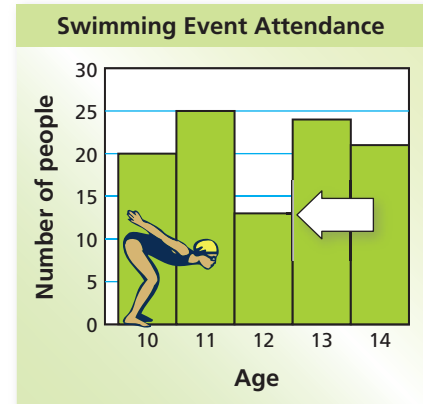
1. Data: 4, 6, 3, 6, 4, 5, 5, 6, 3, 5, 6, 3, 5, 6

Data Value	Tally	Frequency
3	III	3
4	II	2
5	IIII	4
6	IIII	5

Application Example

2. How many 12-year-olds attended the swimming event?

••• about 13



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Check your answers at BigIdeasMath.com.

3. Make a frequency table for the data. Then draw a histogram for the data.

Ages

5, 5, 7, 8, 4, 7, 5,
6, 7, 8, 4, 6, 6, 5,
7, 7, 6, 6, 7, 4, 8,
4, 6, 6, 5, 5, 7, 6

Age	Tally	Frequency
4		
5		
6		
7		
8		

BIRTH WEIGHT The histogram shows the birth weights of babies at a hospital.

- How many babies weigh 6 pounds? _____
- How many weigh 7 pounds? _____
- How many weigh less than 6 pounds? _____
- How many weigh 6 or more pounds? _____
- Approximate the mean birth weight. _____

