

# RANGE AND MODE

**Mode:** the number that appears most in a set of numbers

**Range:** the difference between the highest and lowest number

## EXAMPLE

**8, 6, 11, 8, 4, 3, 14**

First, order the numbers in the set: 3, 4, 6, 8, 8, 11, 14

Find the number that appears the most: 3, 4, 6, 8, 8, 11, 14    Mode = 8

Find the difference between the highest and lowest number:

3, 4, 6, 8, 8, 11, 14     $14 - 3 = 11$     Range = 11

## INSTRUCTIONS

Use this tally chart to answer questions 1 and 2. Be sure to order the data first.

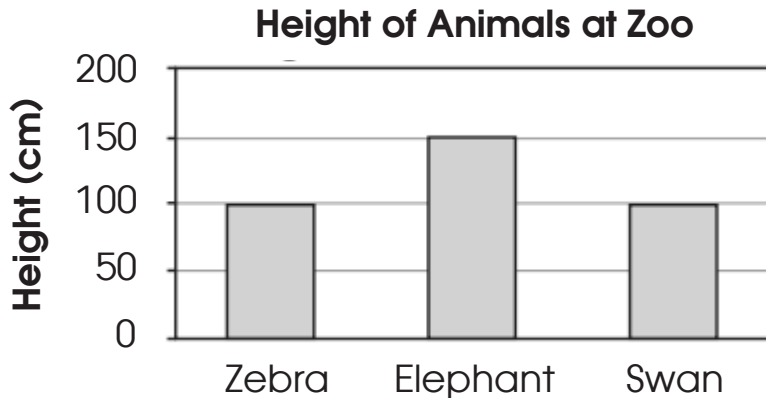
Animals	Number
Lions	IIII
Elephants	IIII
Snakes	IIII IIII I
Tigers	II

- What is the mode?
  - 2
  - 4
  - 9
  - 13
- What is the range?
  - 2
  - 4
  - 9
  - 13

# RANGE AND MODE

## INSTRUCTIONS

Use this bar graph to answer questions 3 and 4. Be sure to order the data first.



3. What is the mode?

- a. 50 cm
- b. 100 cm
- c. 150 cm
- d. 200 cm

4. What is the range?

- a. 50 cm
- b. 100 cm
- c. 150 cm
- d. 200 cm

## INSTRUCTIONS

Use this pictograph to answer questions 5 and 6. Be sure to order the data first.

**Lengths of Reptiles**

<b>Salamander</b>	• • •
<b>Rattlesnake</b>	• • • • • • • • • •
<b>Iguana</b>	• • • • • • • • • •
<b>Turtle</b>	• • •

5. What is the mode?

6. What is the range?

<b>Key</b>	• = 5 cm
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