Make Bar Graphs

Ben asked some friends to name their favorite breakfast food. He recorded their choices in the frequency table at the right.

1. Complete the bar graph by using Ben's data.

Favorite Breakfast Food	
Food	Number of Votes
Waffles	8
Cereal	14
Pancakes	12
Oatmeal	4

Favorite Breakfast Food
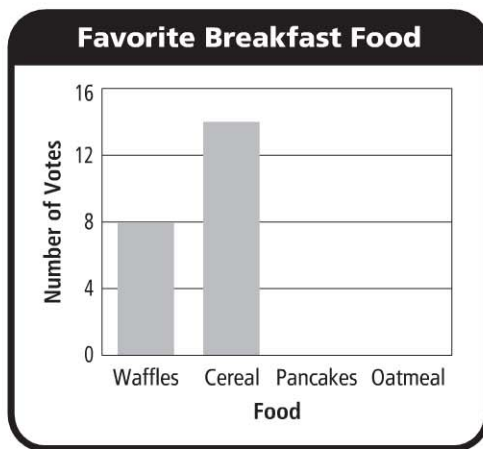
Use your bar graph for 2–5.

2. Which food did the most people choose as their favorite breakfast food?

_____

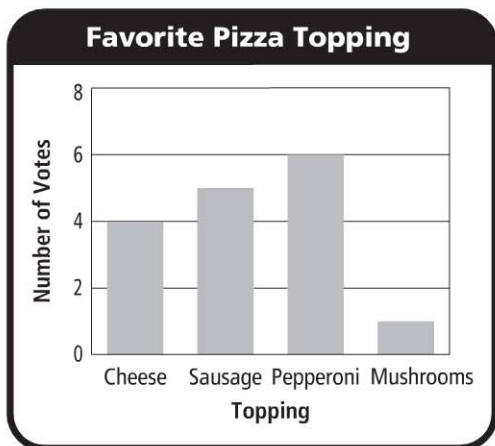**3.** How many people chose waffles as their favorite breakfast food?

_____

4. How did you know how high to draw the bar for pancakes?

_____

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_____

5. Suppose 6 people chose oatmeal as their favorite breakfast food. How would you change the bar graph?

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_____

_____

Lesson Check (CC.3.MD.3)

Favorite Pizza Topping

1. Gary asked his friends to name their favorite pizza topping. He recorded the results in a bar graph. How many people chose pepperoni?

   Ⓐ 6   Ⓒ 4

   Ⓑ 5   Ⓓ 1

2. Suppose 3 more friends chose mushrooms. Where would the bar for mushrooms end?

   Ⓐ 2   Ⓒ 6

   Ⓑ 4   Ⓓ 8

Spiral Review (CC.3.OA.9, CC.3.NBT.1)

3. Estimate the sum. (Lesson 1.3)

   $$458$$
   $$+\ 214$$

   Ⓐ 700   Ⓒ 300

   Ⓑ 600   Ⓓ 200

4. Matt added $14 + 0$. What is the correct sum? (Lesson 1.1)

   Ⓐ 140   Ⓒ 1

   Ⓑ 14   Ⓓ 0

5. There are 682 runners registered for an upcoming race. What is 682 rounded to the nearest hundred? (Lesson 1.2)

   Ⓐ 600

   Ⓑ 680

   Ⓒ 700

   Ⓓ 780

6. There are 187 new students this year at Maple Elementary. What is 187 rounded to the nearest ten? (Lesson 1.2)

   Ⓐ 100

   Ⓑ 180

   Ⓒ 190

   Ⓓ 200