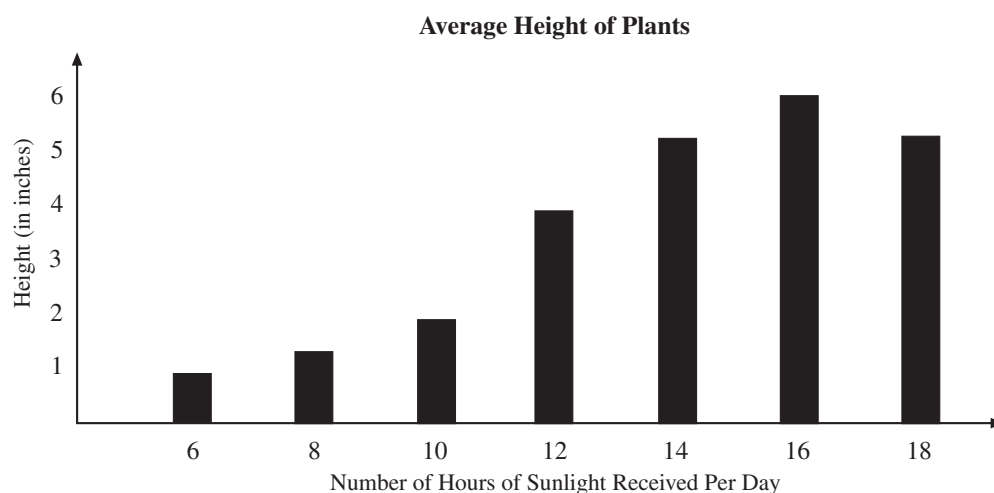


Mathematics, Grade 6

- 25 The graph below shows the average height of plants based on a specific number of hours of sunlight received daily.



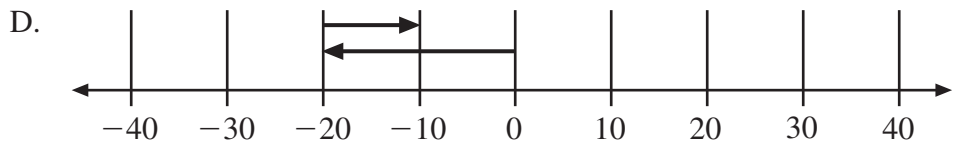
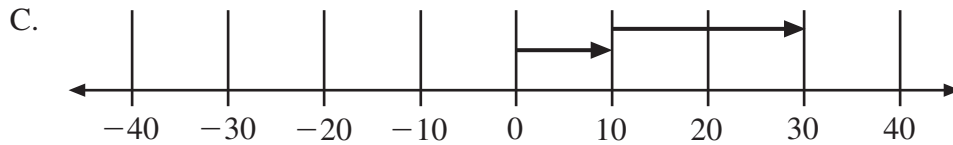
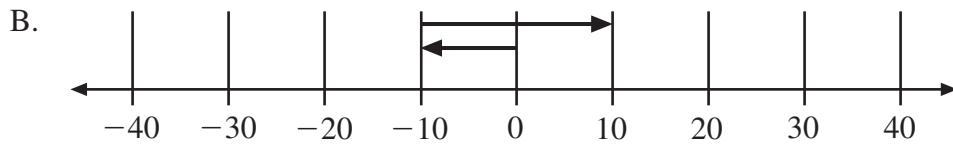
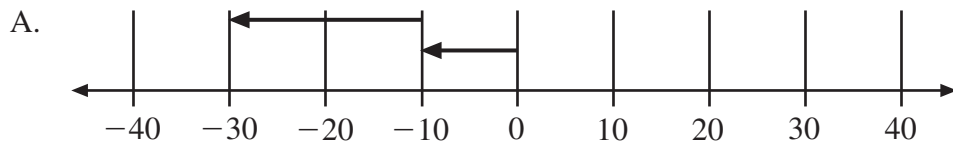
According to the graph, which of the following is a true statement?

- A. The average height of the plants is taller with 16 hours of sunlight per day than with 14 hours of sunlight per day.
- B. The average height of the plants is taller with 12 hours of sunlight per day than with 14 hours of sunlight per day.
- C. The average height of the plants cannot be taller than 3 inches with less than 18 hours of sunlight per day.
- D. The plants grow taller as the number of hours of sunlight the plants receive increases.

*Reporting Category for Item 25: **Patterns, Relations, and Algebra***

Mathematics, Grade 6

- 26 Which number line below **best** represents the addition problem $-10 + (-20) = \square$?



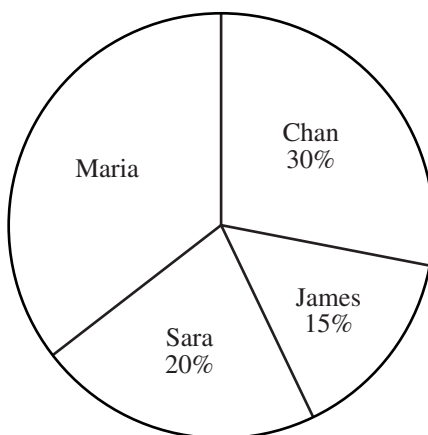
Reporting Category for Item 26: *Number Sense and Operations*

Session 2, Open-Response Question



- 27 Jody is making the circle graph below to show the results of the election for the sixth-grade class president. There are 520 students in the sixth grade. All 520 students voted. Each student voted for only one of four candidates.

Results of Sixth-Grade Class Election



- What percent of the votes did Maria receive? Show or explain your work.
- How many students voted for James? Show or explain your work.
- How many more students voted for Chan than for Sara? Show or explain your work.
- If the class size increases to 640, how many votes would Maria need to receive 40 percent of the votes? Show or explain your work.

Reporting Category for Item 27: Number Sense and Operations

Session 2, Short-Answer Questions



- 28 What value of p makes the equation below true?

$$3p + 1 = 13$$

$3p$ means 3 times p

Reporting Category for Item 28: *Patterns, Relations, and Algebra*