

- 1 The chart below shows the lengths (in miles) of four rivers.

Lengths of Rivers

River	Length (in miles)
Colorado	1450
Ohio	981
Snake	1038
Gila	649

Which river has the **greatest** length?

- (A) Colorado
- (B) Ohio
- (C) Snake
- (D) Gila

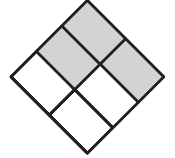
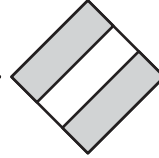
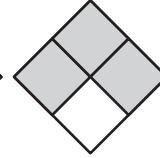
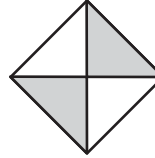
- 2 The designs drawn by four children are shown below.

Alexa

Billy

Cindy

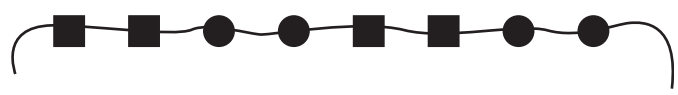
Dustin



Which child's design is $\frac{3}{4}$ shaded?

- (A) Alexa
- (B) Billy
- (C) Cindy
- (D) Dustin

3 The shapes on the necklace shown below follow an AABB pattern.



Which necklace has shapes that also follow an AABB pattern?



4

Mr. Martinez wrote the sentences shown in the box below.

Jason had toy cars.
 Then he got 6 more toy cars.
 Now Jason has 13 toy cars.

Which number sentence matches what Mr. Martinez wrote?

- (A) $\square + 6 = 13$
- (B) $\square - 13 = 6$
- (C) $6 + 13 = \square$
- (D) $13 \times 6 = \square$

5

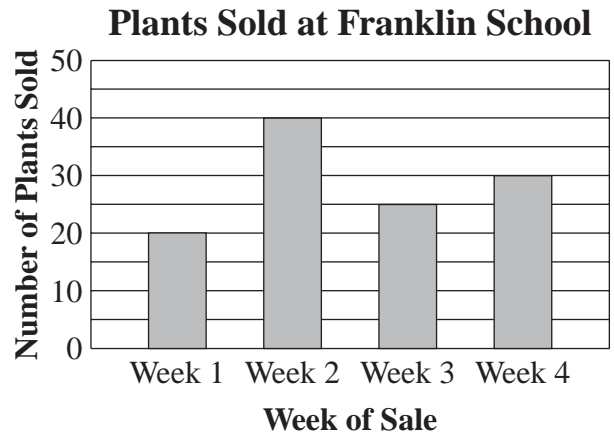
Which word best describes the shape of the soccer ball pictured below?



- (A) cube
- (B) sphere
- (C) cone
- (D) pyramid

6

The students at Franklin School had a plant sale. The bar graph below shows the number of plants sold in each week of the sale.



How many plants were sold in Week 3?

- (A) 20
- (B) 25
- (C) 30
- (D) 35

Question 7 is a short-answer question. Write your answer to this question in the Answer Box provided.

7 Compute:

$$\begin{array}{r} 4329 \\ + \underline{697} \end{array}$$

Write your answer in the Answer Box below.




Answer Box


7

Question 8 is a short-answer question. Write your answer to this question in the Answer Box provided.

- 8** The pictograph below shows the numbers of cars that passed Center School at different times one morning.

Cars That Passed Center School

Time	Number of Cars
From 9:00 to 10:00	
From 10:00 to 11:00	
From 11:00 to 12:00	

Key
 stands for 5 cars

How many cars passed Center School from 11:00 to 12:00 that morning? Write your answer in the Answer Box below.

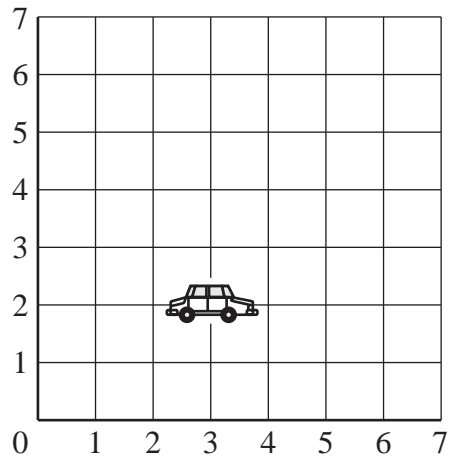
Answer Box

<p>8</p>

Write your answers to parts a. and b. of open-response question 9 in the spaces provided.

- 9 Dana drew the grid shown below. She drew a car on the grid to show where Paul's car is..

Dana's Grid



- a. Dana's house is at $(2, 5)$ on the grid. Put an X at $(2, 5)$ on the grid.

- b. Write the ordered pair that shows where Paul's car is.

Write your answer to open-response question 10 in the space provided.

- 10 Erin looked at the clock shown below and said, "I have to leave for school in 35 minutes."



At what time does Erin have to leave for school? Show or explain how you got your answer.

Grade 3 Mathematics Sample Items

Reporting Categories, Standards, and Correct Answers

Item No.	Page No.	Reporting Category	Standard	Correct Answer (MC/SA)
1	1	Number Sense and Operations	3.N.1	A
2	1	Number Sense and Operations	3.N.3	B
3	2	Patterns, Relations, and Algebra	3.P.1	D
4	3	Patterns, Relations, and Algebra	3.P.4	A
5	3	Geometry	3.G.2	B
6	3	Data Analysis, Statistics and Probability	3.D.3	B
7	4	Number Sense and Operations	3.N.10	5026
8	5	Data Analysis, Statistics, and Probability	3.D.3	30 or 30 cars
9	6	Geometry	3.G.5	
10	7	Measurement	3.M.3	

* Answers are provided here for multiple-choice and short-answer items only. Each open-response item has its own set of scoring guidelines, which allow for valid alternate interpretations and responses.