

Problem Solving Test Prep

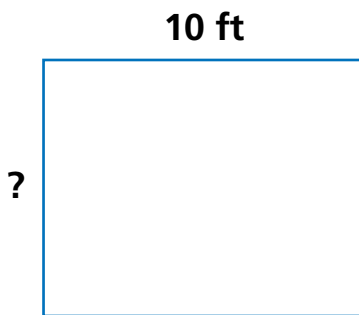
Choose the correct answer.

- 1 There are 58 students in the Math Club. There are 8 more girls in the club than there are boys. How many girls are in the Math Club?
- A. 25 girls
 - B. 28 girls
 - C. 33 girls
 - D. 50 girls
- 2 Megan has two pennies, one nickel, and two dimes in her pocket. She needs 35 cents to buy a snack. What other coins does she need to buy a snack?
- A. two pennies, one nickel
 - B. three pennies, one nickel
 - C. two pennies, one dime
 - D. three pennies, one dime

Show What You Know

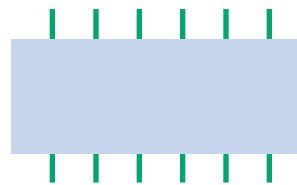
Solve each problem. Explain your answer.

- 3 A rectangular patio has an area of 90 square feet. The length of the patio is 10 feet.



What is the width of the patio?
Explain how you know.

- 4 Randy is looking at a map with 24 intersections. He sees 6 vertical lines on the map.



How many horizontal lines are on the map? Explain how you know.

Chapter 10

Name _____ Date/Time _____

Review/Assessment

NCTM Standards 1, 4, 6, 7, 8, 9, 10

Measure to the nearest $\frac{1}{4}$ inch. Lessons 1 and 2

1 _____ inches

2 _____ inches

Measure to the nearest centimeter. Lesson 4

3 _____ centimeters

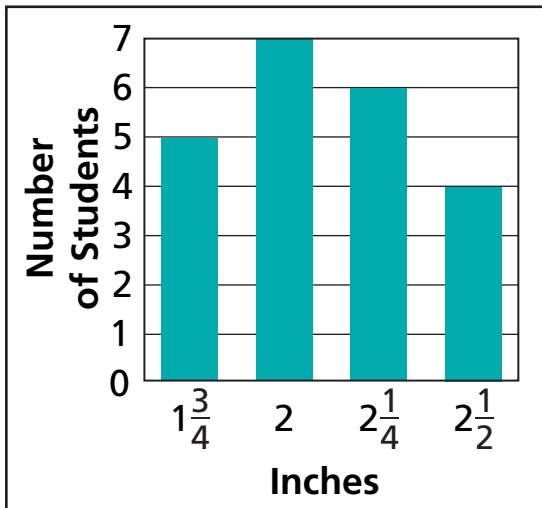
4 _____ centimeters

Draw a segment for the given length.

5 $3\frac{1}{4}$ inches

6 11 cm

Some students measured the lengths of their erasers and made this graph. Lesson 3



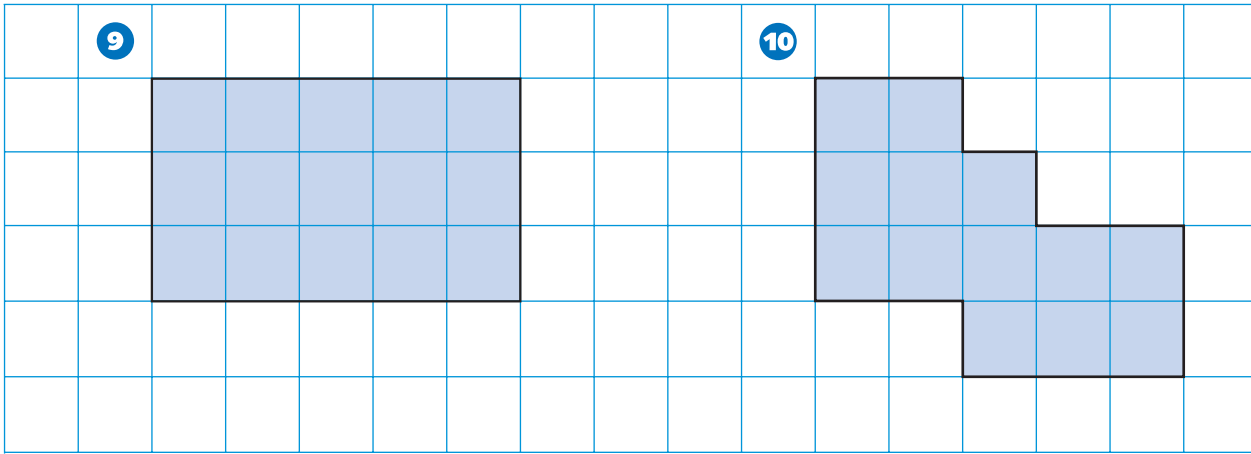
7 How many students have erasers that are longer than 2 inches?

_____ students

8 What is the length of the longest eraser?

_____ inches

Find the perimeter (P) and area (A) of each figure. Lessons 5 and 6



P: cm

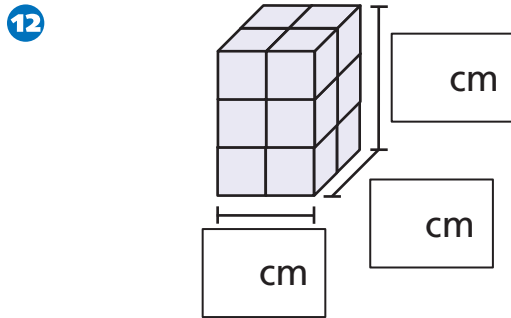
A: sq cm

P: cm

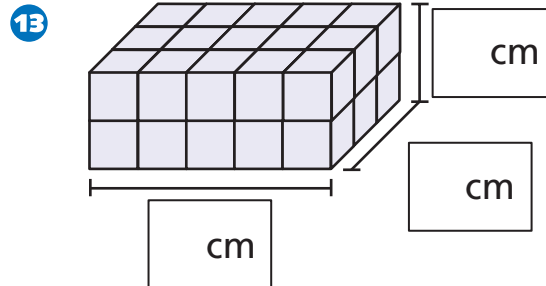
A: sq cm

11 Nick drew a rectangle with a length of 4 cm and a width of 2 cm. What was its area? What was its perimeter? Lesson 8

These boxes were built with centimeter cubes. Fill in the measurements and the volume of each box. Lesson 7



Volume: cubic cm



Volume: cubic cm