

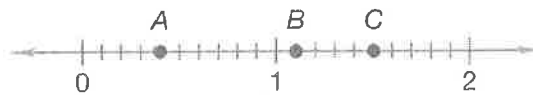
Formulate Write and solve equations for problems 1 and 2.

***1.** (25, 30) Celeste has three hundred eighty-four baseball cards. Will has two hundred sixty baseball cards. Celeste has how many more cards than Will?

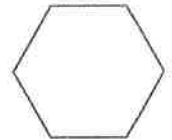
***2.** (49, 67) Forty-two students could ride in one bus. There were 30 buses. How many students could ride in all the buses?

***3.** (69) Kya's house key is 5.2 cm long. How many millimeters long is her house key?

***4.** **Represent** (Inv. 1, 37) Write a decimal and a fraction (or a mixed number) to represent each point.

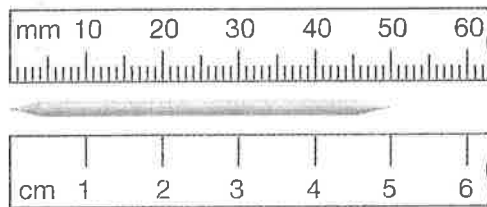


***5.** **Represent** (26) Copy this hexagon and shade one sixth of it.



***6. a.** (69) This toothpick is how many centimeters long?

b. This toothpick is how many millimeters long?




7. (Inv. 5) Twenty-five percent of the students in a class completed the science project on Thursday. All of the other students in the class completed the project on Friday. What percent of the students completed the project on Friday?

8. **Analyze** (Inv. 2, 49) One yard equals 3 feet. If each side of a square is 1 yard long, then what is the perimeter of the square in feet?

This page may not be reproduced without permission of Harcourt Achieve Inc.

Name _____

- *9.**  **Explain** The number of students enrolled at each of three elementary schools is shown in the table below.

Elementary School Enrollment

School	Number of Students
Van Buren	412
Carter	495
Eisenhower	379

Use rounding to make a reasonable estimate of the total number of students enrolled at the three schools. Explain your answer.

- *10.** ^(45, 69) Segment AB is 3.5 cm long. Segment AC is 11.6 cm long. How long is segment BC ? Write a decimal subtraction equation and find the answer.



- 11. a.** ^(57, 60) Hugo rode 125 miles in 5 hours. His average speed was how many miles per hour?
- b.** Levi could ride 21 miles in 1 hour. At that rate, how many miles could Levi ride in 7 hours?
- *12.** ⁽⁵⁵⁾ The first three prime numbers are 2, 3, and 5. What are the next three prime numbers?
- 13.** ^(20, 59) **Estimate** Claudio's meal cost \$7.95. Timo's meal cost \$8.95. Estimate the total price for both meals by rounding each amount to the nearest dollar before adding.

***14.** ⁽⁶⁸⁾ $250 \div 6$

***15.** ⁽⁶⁸⁾ $100 \div 9$

16. ⁽⁴³⁾ 36.2
 4.7

***17.** ⁽⁶⁵⁾ $\frac{256}{8}$

***18.** ^(41, 64) $4w = 60$

15.9
 148.4
 30.5
 $+ 6.0$

19. ⁽⁵⁸⁾ $9 \times \$4.63$

***20.** ⁽⁶⁷⁾ $80 \times 29\text{¢}$

21. ⁽⁵²⁾ $\begin{array}{r} \$10.00 \\ - \$ 1.73 \\ \hline \end{array}$

22. ⁽⁵²⁾ $\begin{array}{r} 36,428 \\ - 27,338 \\ \hline \end{array}$

***23.** ⁽⁶⁷⁾ $\begin{array}{r} 78 \\ \times 60 \\ \hline \end{array}$

***24.** ⁽⁶⁵⁾ $4 \overline{)328}$

***25.** ⁽⁶⁸⁾ $7 \overline{)375}$

***26.** ⁽⁶⁵⁾ $5 \overline{)320}$

This page may not be reproduced without permission of Harcourt Achieve Inc.

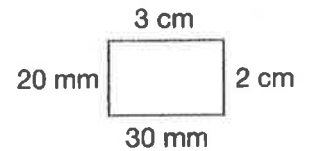
Name _____

27. $a + 5 = 25 + 25$
(61)

- *28.  **Explain** Solve the equation below and describe the steps in the order you completed them.

$$4.7 - (3.6 - 1.7)$$

- *29. a. Find the perimeter of this rectangle in millimeters.
(Inv. 2, Inv. 3)
b. Find the area of this rectangle in square centimeters.



- *30. **Multiple Choice** Each angle of this triangle is ____.

(23)

- A acute
C obtuse

- B right
D straight

