Name _____

Score _____

## Cumulative Test 14A

*Also take **Power-Up Test 14***

**1.** (70) Ami and Michelle had 96 fence posts. They used one fourth of the posts for the garden and the rest for their yard. How many posts did Ami and Michelle use for the garden?

**2.** (Inv. 5) Twenty-five percent of the birds were starlings. What percent of the birds were not starlings?

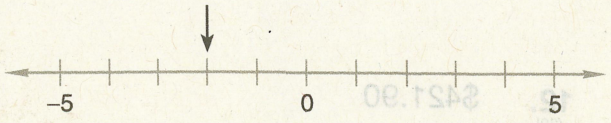
**3.** (49) Each salad is made with four tomatoes. How many tomatoes are needed to make 160 salads?

**4.** (42, 59) Estimate the sum of 5879 and 7215 by rounding each number to the nearest thousand before adding.

**5.** (35) What is the value of 7 pennies, 2 dimes, 5 quarters, and 7 nickels? Write the answer using a dollar sign and decimal point.

**6.** (70) One fifth of the salespeople earned a commission. There were 60 salespeople in all. How many salespeople earned a commission?

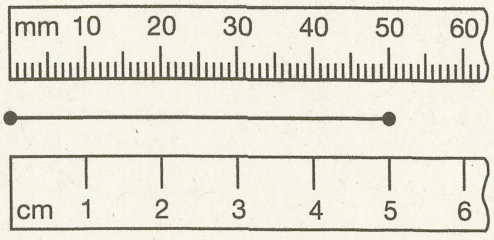
**7.** (Inv. 1) What number is indicated on the number line below?



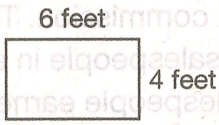

**8.** (63) Douglas has a pentagon and an octagon. What is the total number of sides on the two polygons?

**9.** (69) **a.** The line segment shown below is how many centimeters long?

**b.** The segment is how many millimeters long?



**10.** (Inv. 2) What is the perimeter of the rectangle?




**11.** (Inv. 3) What is the area of the rectangle in problem **10**?

**12.** (22)
$$\begin{array}{r} \$421.90 \\ +\ \$209.26 \\ \hline \end{array}$$

**13.** (41)
$$\begin{array}{r} \$20.00 \\ -\ \$18.56 \\ \hline \end{array}$$

**14.** (58)
$$\begin{array}{r} \$3.13 \\ \times\quad 4 \\ \hline \end{array}$$

**15.** (67) $32 \times 30$

**16.** (Inv. 3, 62) $9^2 - \sqrt{9}$

**17.** (68) $461 \div 6$

**18.** (62) $3 \times 7 \times 8$

**19.** (50) $5.16 - 3.8$

**20.** (41, 64) Find the missing factor: $6s = 96$