

**Review #76 – WORK MUST BE SHOWN  
FOR EACH PROBLEM – NO CALCULATORS**

Name \_\_\_\_\_

1. If the pattern below continues in the same way, which rule could be used to get the next term in the pattern? (*Show the pattern*)

1, 7, 19, 43, 91

- A Multiply by 2, and then add 5
- B Add 12
- C Multiply by 3, and then add 4
- D Add 6

2. Look at the chart. How much more would a person pay for 4 T-shirts at T-shirt Connection than at Al's T-shirt Shop? (*Show how you found the answer*)

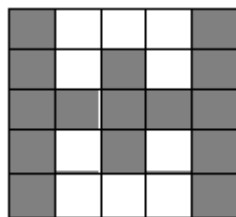
Cost of T-shirts

Vendor	Cost per T-shirt
Al's T-shirt Shop	\$ 7.69
T-shirt Connection	\$ 8.39

- A \$0.70
- B \$16.08
- C \$2.80
- D \$1.40

3. What percent represents the shaded part of the figure (*write the fraction first*)

- A 15%
- B 60%
- C 25%
- D 75%



4. Circle all of the following that would have an absolute value of 4? (*Show how it would have an absolute value*)

- A -4
- B 0.4
- C  $\frac{4}{4}$
- D  $\frac{12}{3}$

5. Joni wanted to trim the table with chrome. The table had a radius of 8 inches. How much trim would he need for the table? (*Draw the figure; write the formula; the solve*)

6. Find the quotient:  $\frac{5}{6} \div \frac{2}{3}$  (*SHOW WORK*)

7. Jared had a bag with 250 marbles. There were 75 blue marbles, 100 red marbles, and the rest were clear. What is the ratio of clear marbles to the total marbles? (*Show how you found the ratio*)

- A 3 to 7
- B 3 to 10
- C 3 to 4
- D 3 to 5