## Review \#83 - MUST SHOW WORK FOR EACH PROBLEM **NO Calculators**

1. Which of the following shows the expression being modeled? (Show how you found the equation)

A $\quad 4 / 7 \cdot 1 / 2$
B $1 / 4 \bullet 4 / 7$
C $1 / 4 \cdot 3 / 4$


D $3 / 4 \cdot 4 / 7$
2. Which of the following expressions is represented by the model below? (Show how you found your answer)


A $2 \div 5$
B $3 \div 2 / 5$
C $\quad 7 \div 2 / 5$
D $\quad 24 / 5 \div 2 / 5$
3. Find the product: $3^{4 / 5}$ and $1^{1 / 4}$ (Show how you found the product)

Name $\qquad$
4. Circle all that are less than $1^{1 / 3}$ ? (Show how you compared place values)

A 1.197
B $\quad 1.4$
C 1.29
D $\quad 1.38$
5. Donna and Darcy collected newspapers for recycling each week. This week Donna collected $51 / 2$ pounds and Darcy collected $21 / 4$ pounds of newspaper. If they collect the same amount each week, what would be the total amount they collect for 4 weeks? (Show how you found the total for those weeks)

F 31 pounds
G 8 pounds
H $73 / 4$ pounds
J $3 \frac{1}{4}$ pounds
6. Amy bought three CDs for $\$ 15.34$, \$17.57, and \$10.29, including sales tax. She gave the clerk $\$ 50.00$. Which is closest to the amount of change Amy will receive? (Show how you solved)

F $\quad \$ 1.00$
G $\quad \$ 7.00$
H $\quad \$ 10.00$

