4. Arrange the numbers in ascending order.
(a) $\frac{3}{4},-\frac{7}{8}, 0.9$
(b) $-1.5,-2 \frac{1}{4}, 0.05$
5. Arrange the numbers in descending order.
(a) $1.03,-2 \frac{1}{5}, \frac{7}{10}$
(b) $-2.6,-1 \frac{9}{10}, 2 \frac{3}{4}$
6. What number is greater than -1.4 but less than $-\frac{1}{2}$ ?

Express the answer as a fraction.
7. What number is smaller than $-\frac{1}{8}$ ? Express the answer as a decimal.
8. Write the digits 1,2 and 3 in the boxes provided to form the smallest possible fraction.



## Test

A

1. Write $\frac{2}{5}$ as a decimal.
2. Write 0.86 as a fraction.
3. Solve the equation $7 x+8=13$.
4. Neal has 9 kg of vegetables. There are $x \mathrm{~kg}$ of carrots and $y \mathrm{~kg}$ of potatoes. There are twice as many tomatoes as potatoes. The remaining vegetables are cabbages. What is the weight of the cabbages?
5. Two metal rods were joined together. One piece was $3 \frac{2}{3} \mathrm{ft}$ long and the other piece was $1 \frac{1}{8} \mathrm{ft}$ shorter than the first piece. What is the length of the joined rods?

## Test Unit 4: Percentage

## B

Chapter 3: Simple Interest, Sales Tax and Discount I

Circle the correct option, A, B, C or $\mathbf{D}$.

1. A book costs $\$ 54$ excluding the sales tax. What is the total cost of the book after including the sales tax of $9 \%$ ?
A $\$ 4.86$
C $\quad \$ 58.86$
B $\$ 48.60$
D $\quad \$ 63.00$
2. Lucy and Betty bought a laptop for $\$ 1500$ excluding the sales tax of $7 \%$. If they split the cost of the laptop equally, how much did each of them pay?
A $\quad \$ 105.00$
C $\quad \$ 802.50$
B $\quad \$ 955.00$
D $\quad \$ 1805.00$
3. A car salesman earns a commission of $3 \%$ for every car he sells. If he sells 5 cars in a month and each car costs $\$ 70,000$, how much was his commission?
A $\$ 2100$
C $\$ 10,500$
B $\quad \$ 6300$
D $\$ 350,000$
4. For the first $\$ 25,000$, the income tax is $5 \%$. For the remaining amount, the income tax is $9 \%$. Mr. Stevens earns $\$ 64,000$. How much income tax does he have to pay?
A $\$ 3200$
C $\quad \$ 3510$
B $\quad \$ 5760$
D $\$ 4760$
