4. Arrange the numbers in ascending order.

(a)
$$\frac{3}{4}$$
, $-\frac{7}{8}$, 0.9

(b)
$$-1.5, -2\frac{1}{4}, 0.05$$

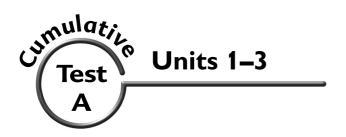
5. Arrange the numbers in descending order.

(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.





- 1. Write $\frac{2}{5}$ as a decimal.
- 2. Write 0.86 as a fraction.
- 3. Solve the equation 7x + 8 = 13.
- 4. Neal has 9 kg of vegetables. There are x kg of carrots and y 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 $3\frac{2}{3}$ ft long and the other piece was $1\frac{1}{8}$ ft shorter than the first piece. What is the length of the joined rods?



Unit 4: Percentage

Chapter 3: Simple Interest, Sales Tax and Discount I

Circle the correct option, A, B, C or 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 \$58.86

B \$48.60

D \$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 \$105.00

C \$802.50

B \$955.00

D \$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 \$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 \$3510

B \$5760

D \$4760