

4. Arrange the numbers in ascending order.

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

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

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5. Arrange the numbers in descending order.

(a)  $1.03, -2\frac{1}{5}, \frac{7}{10}$

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(b)  $-2.6, -1\frac{9}{10}, 2\frac{3}{4}$

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6. What number is greater than  $-1.4$  but less than  $-\frac{1}{2}$ ?  
Express the answer as a fraction.

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7. What number is smaller than  $-\frac{1}{8}$ ?  
Express the answer as a decimal.

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8. Write the digits 1, 2 and 3 in the boxes provided to form the smallest possible fraction.


# Cumulative Test A

## Units 1–3

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?

**Test  
B****Unit 4: Percentage****Chapter 3: Simple Interest, Sales Tax  
and Discount I**

Circle the correct option, **A**, **B**, **C** or **D**.

- A book costs \$54 excluding the sales tax. What is the total cost of the book after including the sales tax of 9%?

<b>A</b>	\$4.86	<b>C</b>	\$58.86
<b>B</b>	\$48.60	<b>D</b>	\$63.00
- 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?

<b>A</b>	\$105.00	<b>C</b>	\$802.50
<b>B</b>	\$955.00	<b>D</b>	\$1805.00
- 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?

<b>A</b>	\$2100	<b>C</b>	\$10,500
<b>B</b>	\$6300	<b>D</b>	\$350,000
- 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?

<b>A</b>	\$3200	<b>C</b>	\$3510
<b>B</b>	\$5760	<b>D</b>	\$4760