

Name: _____

Date: _____

SOL 4.6 ASSESSMENT

Directions: Solve for each of the problems. If there is a box by the problem, write your final answer in the box.

1. Estimate the difference of 26.4 and 18.097.

- a. 44.497
- c. 8

- b. 10
- d. 8.303

2. $9.6 + 2.165 =$

- a. 11.765
- c. 7.435

- b. 2.261
- d. 226.1

3. Sam drank 1.06 liters of water after his baseball game. James drank 0.872 liters of water after his basketball game. How much more water does Sam drink than James?

- a. 1.932 liter
- c. 0.766 liter

- b. 0.188 liter
- d. 0.978 liter

4. Mary went to the grocery store after work. She purchased \$36.72 worth of groceries, and paid with a \$50 bill. How much change did Mary receive back from the cashier?

- a. \$86.72
- c. \$13.28

- b. \$37.22
- d. \$36.22

5. The model is shaded to represent one whole.

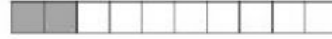


Model 1 and Model 2 have each been shaded to represent a decimal.

Model 1



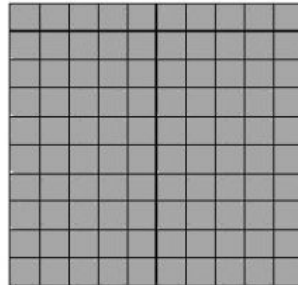
Model 2



What is the sum between the decimals shaded in Model 1 and Model 2?

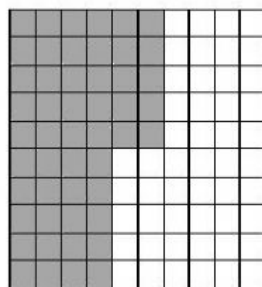
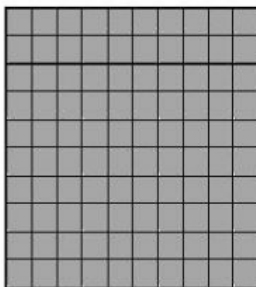
- a. 0.4
- b. 0.8
- c. 1.2
- d. 0.6

6. This model is shaded to represent one whole.

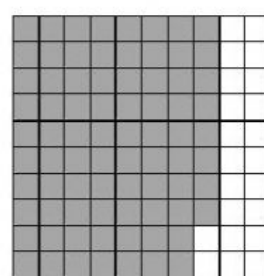


Model 1 and Model 2 have each been shaded to represent a decimal.

Model 1



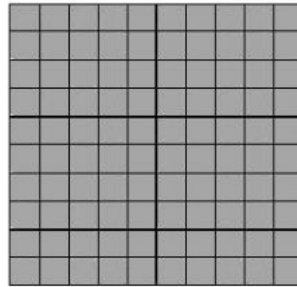
Model 2



What is the difference between the decimals shaded in Model 1 and Model 2?

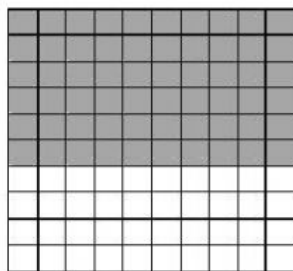
- a. 2.28
- b. 0.72
- c. 1.72
- d. 1.28

7. This model is shaded to represent one whole.

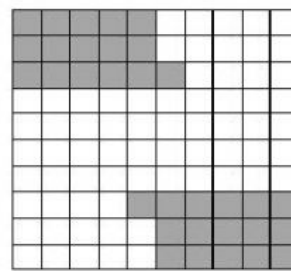


Model 1 and Model 2 have each been shaded to represent a decimal.

Model 1



Model 2



What is the sum between the decimals shaded in Model 1 and Model 2?

- a. 0.92
- b. 0.28
- c. 0.19
- d. 0.81

8. Tonya bought three different lunch items off the menu below. She spent exactly \$16.80, including tax. Which three items did Tonya purchase for lunch?

Item	Price
Meatball Sub	\$5.85
Chicken Soup	\$3.25
Cheeseburger	\$6.95
Grilled Cheese	\$4.00

- a. Meatball Sub, Cheeseburger, Grilled Cheese
- b. Chicken Soup, Meatball Sub, Grilled Cheese
- c. Chicken Soup, Cheeseburger, Grilled Cheese
- d. Meatball Sub, Chicken Soup, Cheeseburger

9. Sarah's mom is having a party for Sarah and her friends at a local restaurant.

- Sarah and twelve of her friends will attend the cookout, and each of them will eat a kids' meal during the party.
- Kids' meals at this restaurant cost \$6 each.

How much change will Sarah's mom receive if she pays \$100 for the cost of all the meals?

- | | |
|---------|---------|
| a. \$72 | b. \$28 |
| c. \$78 | d. \$22 |

10. Tom is making his grocery list for his weekend cookout. He needs to purchase a case of hot dogs for \$15.96, a box of hamburgers for \$23.99, and two boxes of chips for \$8.98 each. If Tom pays with \$75, how much change will he receive back?

- | | |
|------------|------------|
| a. \$48.93 | b. \$57.91 |
| c. \$17.09 | d. \$26.07 |