

Operations: Step Two C

The student is expected to use addition and subtraction to solve problems involving fractions and decimals. (TAKS 1:6.2B)

Show Your Work

- 1 Syd, Scott, and Paul owned a lawn mowing service. They charged \$16.50 to mow the average yard. The charge for edging was \$11.75. The boys charged \$26.50 to clean out flowerbeds. What would it cost to have them mow and edge an average yard?

A \$27.25 B \$28.25 C \$38.25 D \$43.00

- 2 Gayle sold \$94.69 worth of books on Tuesday and \$63.14 worth of books on Wednesday. Gayle only sold \$34.84 worth of books on Thursday. How much more money did Gayle make on Tuesday than she did on Thursday?

A \$31.55 B \$57.75 C \$59.85 D \$129.53

- 3 Marcy is putting a ribbon edge on a new rectangular curtain. She has enough for the top edge which is 171.6 centimeters and 84.3 centimeters of ribbon for the left edge. She doesn't have enough ribbon for the right and bottom edge of the curtain. How much ribbon does Marcie need to buy?

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|---|---|---|---|---|---|---|
| | | | | . | | |
| 0 | 0 | 0 | 0 | | 0 | 0 |
| 1 | 1 | 1 | 1 | | 1 | 1 |
| 2 | 2 | 2 | 2 | | 2 | 2 |
| 3 | 3 | 3 | 3 | | 3 | 3 |
| 4 | 4 | 4 | 4 | | 4 | 4 |
| 5 | 5 | 5 | 5 | | 5 | 5 |
| 6 | 6 | 6 | 6 | | 6 | 6 |
| 7 | 7 | 7 | 7 | | 7 | 7 |
| 8 | 8 | 8 | 8 | | 8 | 8 |
| 9 | 9 | 9 | 9 | | 9 | 9 |

- 4 Wayne has \$72.48. He wants to buy a new circular saw that costs \$96.39. How much more money will Wayne have to have before he can buy the new saw?

A \$23.81 B \$23.91 C \$24.91 D \$168.87

- 5 Collin went to the store and paid \$1.29 for a loaf of bread, \$2.29 for lunchmeat, \$0.38 for yogurt and \$0.89 for a dozen eggs. He paid for the groceries with a \$10 bill. How much change did he receive after his purchases?

A \$3.58 B \$3.96 C \$4.85 D \$5.15

- 6 Katy's December doctor bill was \$378. Katy's parents spent \$56.85 on her prescriptions. Katy also had to have a chest x-ray which cost \$74.50. What is the total of Katy's December medical bills?

A \$434.85 B \$452.50 C \$509.35 D Not Here

Operations: Step Two D

The student is expected to use addition and subtraction to solve problems involving fractions and decimals. (TAKS 1:6.2B)

Show Your Work

- 1 The U.S. Olympic 800-meter relay team ran their race. Joel ran his part of the race in 20.65 seconds. James ran his 200 meters in 20.93 seconds. Billy's time was 21.48 and Clancy ran 200 meters in 19.2 seconds. How long did it take the team to run the 800-meter race?
- A 41.58 sec B 63.06 sec C 82.26 sec D 82.6 sec

- 2 Mike bought a rope that was 9.84 meters long. He cut 2.89 meters of the rope off and gave it to Syd. What was the length of the rope after Mike did this?
- A 6.95 m B 7.05 m C 11.63 m D 12.73 m

- 3 Mike spent \$97.85 at the grocery store. \$32.59 of this was for meat and cheese. Mary Beth spent \$28.70 at the drugstore. How much more money did Mike spend than Mary Beth?
- A \$101.74 B \$69.15 C \$65.26 D \$61.29

- 4 The area of San Marino is 23.6 square miles with an average of 974.6 people living in every square mile. The area of the Republic of Nauru is 8.2 square miles. What is the combined area of these two republics?

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|---|---|---|---|---|---|---|
| | | | | . | | |
| 0 | 0 | 0 | 0 | | 0 | 0 |
| 1 | 1 | 1 | 1 | | 1 | 1 |
| 2 | 2 | 2 | 2 | | 2 | 2 |
| 3 | 3 | 3 | 3 | | 3 | 3 |
| 4 | 4 | 4 | 4 | | 4 | 4 |
| 5 | 5 | 5 | 5 | | 5 | 5 |
| 6 | 6 | 6 | 6 | | 6 | 6 |
| 7 | 7 | 7 | 7 | | 7 | 7 |
| 8 | 8 | 8 | 8 | | 8 | 8 |
| 9 | 9 | 9 | 9 | | 9 | 9 |

- 5 John Smith is a wrestler. He weighs 136.66 pounds. Zeke Jones, another wrestler, weighs 144.4 pounds. Nate Carr weighs 149.5 pounds. What is the difference in the weights of Nate and John?
- A 12.84 lb B 12.96 lb C 35.1 lb D Not Here

- 6 Dianne was serving cones of frozen yogurt. She gave Tina 73.6 grams of vanilla yogurt. Dianne prepared 94 grams of yogurt for John. How many more grams of yogurt did John have than Tina?
- A 167.6 g B 21.4 g C 21 g D 20.4 g

PRACTICE