

2.2 Adding and Subtracting Decimal Word Problems

Chapter 2: Decimal Operations

Name: _____

Date: _____

Class/Period: _____

Problem 2.21 Jason would like to treat his mom to lunch for her birthday. She orders a chicken salad for \$9.29, a drink for \$1.99, and a brownie for \$2.79. How much did Jason spend on his mom's lunch?

Problem 2.24 A four-person relay team recorded times of 34.2, 35.7, 34.9, and 33.1 seconds. How long did the team take to complete the relay?

Problem 2.22 In science class, Substance A has a mass of 325.6 grams and Substance B has a mass of 187.4 grams. How much larger is the mass of Substance A?

Problem 2.25 A doctor instructs a patient to walk at least 5 miles each week. He walks 0.9 mile on Monday, 1.6 miles on Wednesday, and 0.7 mile on Friday. How many more miles must he walk?

Problem 2.23 When the Smith family left for vacation, their odometer read 38,573.2 miles. When they arrived, it read 39,204.9 miles. How far did they travel?

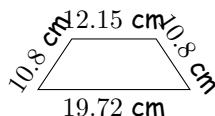
Problem 2.26 Sophia wants to buy a gift costing \$24.95, including tax. She has \$9.87 left on a gift card. How much of her savings will she spend?

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Problem 2.27 Mrs. Spelling's holiday shop sells \$185.90 in paintings, \$397.35 in quilts, and \$255.80 in baked goods during November. How much money did the shop bring in?

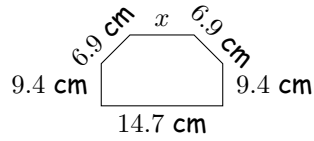
Problem 2.28 Find the perimeter of the quadrilateral.



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Problem 2.29 The perimeter of the object is 51.8 cm. Find the missing side length.



Problem 2.30 Samuel budgets \$300.00 for his family's monthly grocery bill. If he spends \$123.89 during the first half of the month, how much remains?