

These problems have the same context. You can solve them here or online. If you want to use the online system, go to the link below and answer the questions in order. You will answer word problems in sets of 3 along with these questions before:

- What number are you trying to determine?

Then, you can upload a picture of your scratchwork if you want. Then, answer the final question:

- Does my number make sense for the problem?

Your problem set is at: <https://www.myedme.com/SAT091319>

A Fruit Salad of Math

Usually, Zara makes fruit salad with one pineapple, 8 strawberries, and 2 oranges. This weekend she is hosting a party and plans to make a fruit salad that is four times bigger. How many total fruits should Zara buy?

An ice cream cake has 12 ounces of ice cream, 15 ounces of cake and 4.5 ounces of frosting. Yusef cuts the cake into 12 equal slices. What is the weight of each slice?

Willen usually buys 2.5 pounds of deli meat and 1.8 pounds of cheese each week. He makes the same sandwich to take to work each day. Usually he works five days, but this week he only works three days. What is the total weight of meat and cheese Willen should buy this week?

Vernon makes strawberry milkshakes. Strawberries cost \$2.99 per 8 ounces and a 32 ounces of milk costs \$2.39. Each milkshake takes 6 ounces of strawberries and 4 ounces of milk. He will make 8 strawberry milkshakes for his party tonight. How much will the strawberries and milk cost?

Trayvon's family uses 3 boxes of cereal and a gallon of milk each week for breakfasts. Each box has 10.8 ounces and 64 ounces of milk. How much milk and cereal do they use in 52 weeks?

Money Math

Aiko earns \$7.45 per hour. We worked 6.5 hours, 7 hours, 4 hours, and 8.5 hours one pay period. How much did he earn that pay period?

Medicare takes 6% of Bianca's salary. Social security takes 1.25% of her salary. She earns \$250 each week. How much salary does she take home after 8 weeks?

Carlos makes \$8. He worked 24.75 hours one week and 18.25 hours the next week. His boss takes 27% of his money for federal taxes. How much money does he earn after federal taxes over these two weeks?

David earns \$9.75 per hour and Eva makes \$11.25 per hour. How much more does Eva make in an 8-hour day?

Felipe gets a 15% raise after 2 weeks of work. He started at \$8 per hour and worked these hours over the first 4 weeks.

- 12 hours
- 17 hours
- 18 hours
- 16 hours

How much money did Felipe earn over his first four weeks?