

Equation Stories

Name: Jane Smith Sample (1)

Tell Story: I was making dinner with my boyfriend and we needed to buy chicken for the recipe. We found out that chicken costs about \$3.50 per pound.

Define Variables: c - pounds of chicken

P - price for chicken

Write Equation: $P=3.5c$

Ask a question: If I paid \$7.59 for chicken, how many pounds of chicken did I purchase?

Solve Equation: $7.59=3.5c$ division prop of equality to isolate variable

$$2.16 \text{ lbs} = c$$

Write answer as a complete sentence: If I paid \$7.59 for chicken, then I bought 2.16 lbs of chicken.

Name: Jane Smith Sample (2)

Tell Story: I was making dinner with my boyfriend and we needed to buy chicken for the recipe. We found out that chicken costs about \$1.50 per pound.

Define Variables: c - pounds of chicken

P - price for chicken

Write Equation: $P=1.5c$

Ask a question: How much would it cost to buy 4 lbs of chicken

Solve Equation: $P=1.5(4)$

multiplication property to evaluate

$$P=\$6$$

Write answer as a complete sentence: If I purchase 4 lbs of chicken, I will pay \$6.



Name: Jane Smith Sample(3)

Tell Story: I went to a New York pizza by the slice restaurant and found out it cost \$5.00 per slice plus \$0.50 per topping.

Define Variables: t - number of toppings
 C - cost for pizza slice

Write Equation: $5.00 + 0.50t = C$

Ask a question: If the cost was \$20, how many toppings did I get?

Solve Equation: $20 = 5.00 + 0.50t$ subtraction prop of equality to isolate variable term
 $15 = 0.5t$ division prop of equality to isolate variable
 $t = 30$ toppings

Write answer as a complete sentence: Buying a slice of pizza with 30 toppings cost \$20.



Name:

Tell Story:

Define Variables:

Write Equation:

Ask a question:

Solve Equation:

Write answer as a complete sentence:

Name:

Tell Story:

Define Variables:

Write Equation:

Ask a question:

Solve Equation:

Write answer as a complete sentence:

Name:

Tell Story:

Define Variables:

Write Equation:

Ask a question:

Solve Equation:

Write answer as a complete sentence:

Name:

Tell Story:

Define Variables:

Write Equation:

Ask a question:

Solve Equation:

Write answer as a complete sentence:

Name:

Tell Story:

Define Variables:

Write Equation:

Ask a question:

Solve Equation:

Write answer as a complete sentence:

Name:

Tell Story:

Define Variables:

Write Equation:

Ask a question:

Solve Equation:

Write answer as a complete sentence:

Name:

Tell Story:

Define Variables:

Write Equation:

Ask a question:

Solve Equation:

Write answer as a complete sentence:

Name:

Tell Story:

Define Variables:

Write Equation:

Ask a question:

Solve Equation:

Write answer as a complete sentence:

Name:

Tell Story:

Define Variables:

Write Equation:

Ask a question:

Solve Equation:

Write answer as a complete sentence:

The End
