# 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 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 by 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