

Systems of Equations

Prepared by Alex Katsenelenbogen

1.

	Loaves of Bread	Jars of Peanut Butter	Amount Paid
Tom	5	6	60.00
Jerry	3	9	90.00

The above information displays how many loaves of bread and jars of peanut butter Tom and Jerry each bought for their own, probably evil, purposes, as well as the how much they paid in total.

How much did one loaf of bread cost?

2. Solve:

(a) $3y + 2x = 4$
 $-2y - 5x = 6$

(b) $3y + 2x = 4$
 $8y - 3x = 3$

(c) $3y + 2x = 4y - 2x + 4$
 $4y - x = 9$