## UCONN - Math 1011Q

## **Group Work on Systems of Two Equations With Two Unknowns: Photos of All Sizes**

Quick Print Photos, Inc., developed 1425 photos in a single day. A portion of these photos were 4 in. x 6 in. prints and sold for \$0.26 each. The remaining photos were 3.5 in. by 5 in. prints and sold for \$0.17 each. How many of each size photo were sold if total sales for the day were \$291.84?

1	Show the two equations needed to solve this problem	n.	What do	the	variables	in	these
e	quations represent?						

2. Solve the system of equations and show your work here.

## Answer:

The number of 4 in. x 6 in. photos sold was:

The number of 3.5 in. x 5 in. photos sold was: