## 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. What do the variables in these equations 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:

