Math 104Q

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: