ECA Algebra Review (Geometry)
Day 2a

1) Solve the proportion. $\frac{5x+4}{6} = \frac{x+8}{3}$	2) Determine the solution to the equation. $\frac{x}{3} + 2 = \frac{3x+1}{6}$
3) Solve the equation for p. $\frac{7(p-5)}{3} = \frac{p}{4}$	4) A map of Indiana has a scale of 1 in : 10 mi. If Evansville is 15 inches apart from Indianapolis on the map, approximately how long would it take to get from Evansville to Indianapolis if you were going at a speed of 65 miles per hour?
5) The length of a rectangle is 2 cm more than four times the width. If the perimeter of the rectangle is 84 cm, what are its dimensions?	6) The sum of four consecutive odd integers is -72. Find the value of the four integers.

ECA Algebra Review (Geometry)

Day 2b

1) Solve the proportion. $\frac{7x-1}{2}=\frac{10x-3}{6}$	2) Determine the solution to the equation. $\frac{x}{2}+5=\frac{7x+2}{6}$
3) Solve the equation for p. $\frac{3(p-2)}{7}=\frac{p}{5}$	4) A map of Indiana has a scale of 1 in : 5 mi. If Bloomington is 10 inches apart from Indianapolis on the map, approximately how long would it take to get from Bloomington to Indianapolis if you were going at a speed of 60 miles per hour?
5) The length of a rectangle is 3 centimeters more than 3 times the width. If the perimeter of the rectangle is 46 centimeters, find the dimensions of the rectangle.	6) The sum of two consecutive integers is 59. Find the values of the two integers.