Name _____ Date _____

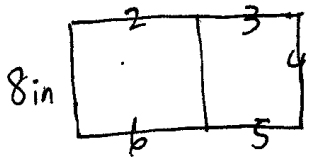
Use this form to critique Student A's problem solving work on the next page.

Student:	**Student A**	**Problem number:**	
Strategies Student A used:			
Things Student A did well:			
Suggestions for improvement:			
Strategies I would like to try based on Student A's work:			

Name **STUDENT A** Date _____

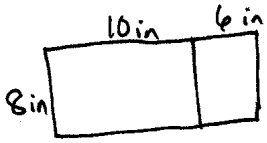
1. Katherine puts 2 squares together to make the rectangle below. The side lengths of the squares measure 8 inches.

a. What is the perimeter of Katherine's rectangle?



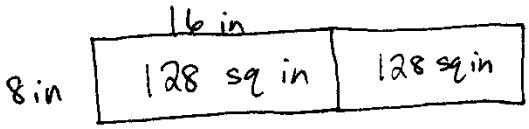
P= 6 x 8 in
P= 48 in
The perimeter is 48 in.

b. What is the area of Katherine's rectangle?



A= (8 x 10) + (8 x 6)
A= 80 + 48
A= 128 sq in
The area is 128 sq in.

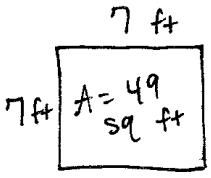
c. Katherine decides to draw another rectangle of the same size. What is the area of the new rectangle?



A= 128 sq in + 128 sq in
A= 256 sq in

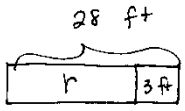
The area of the new rectangle is 256 sq in.

Student A



7 x 7 = 49

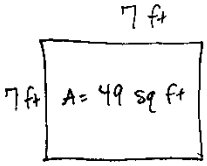
P = 7 ft + 7 ft + 7 ft + 7 ft
P = 4 x 7 ft
P = 28 ft



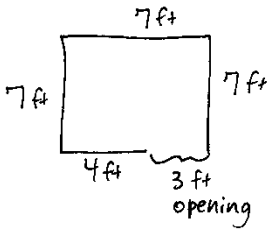
r = 28 - 3
r = 25

The length of the rope is 25 ft.

Student B



___ x ___ = 49
7 x 7 = 49

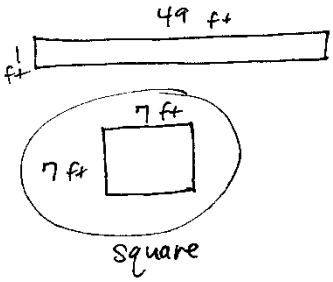


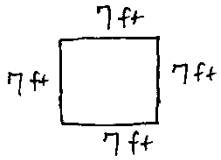
7 ft + 7 ft + 7 ft + 4 ft
3 sevens + 4 ft
21 ft + 4ft
25 ft

The length of the rope is 25 ft.

Student C

Area = 49 sq ft
Possible rectangles:





P = 4 x 7 ft
P = 28 ft

28 ft - 3 ft = 25 ft
The length of the rope is 25 ft.