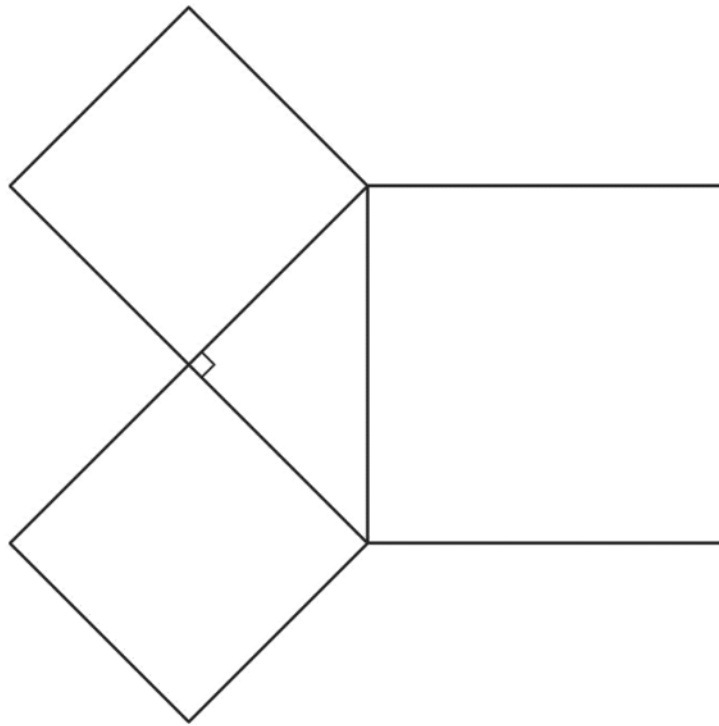
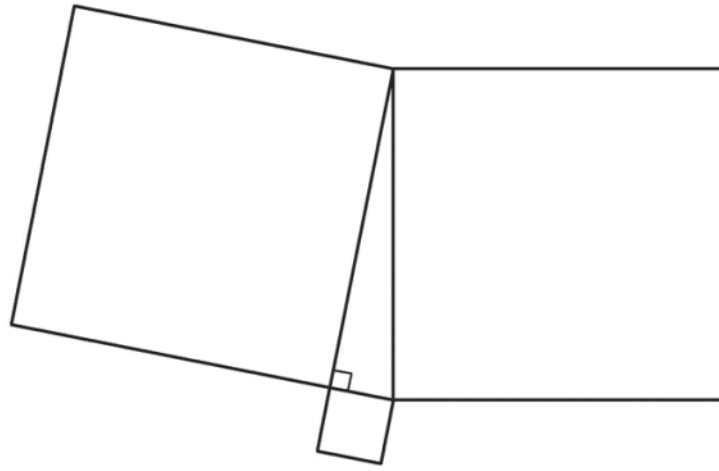
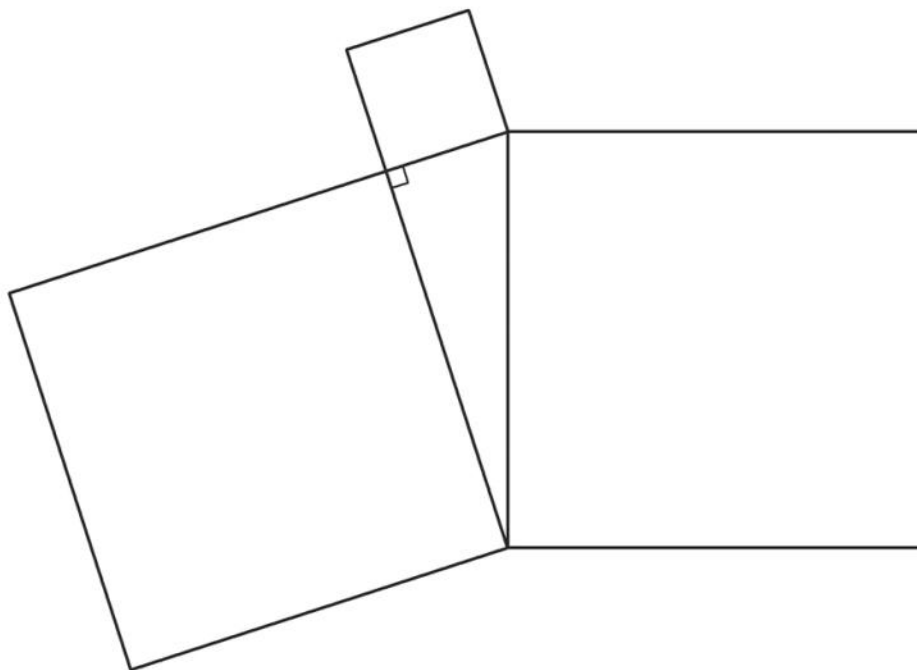
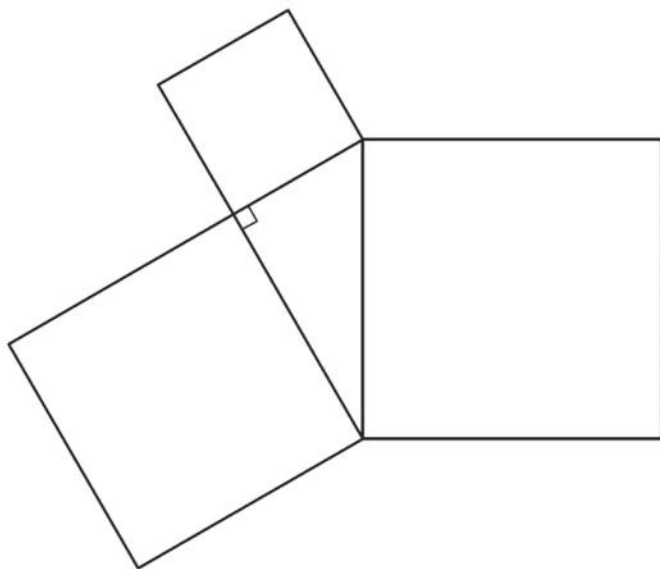


Dissection of Squares (page 1 of 2)



Dissection of Squares (page 2 of 2)

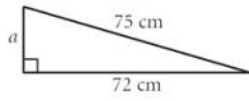


Lesson 9.1 • The Theorem of Pythagoras

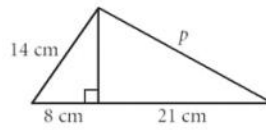
Name _____ Period _____ Date _____

Give all answers rounded to the nearest 0.1 unit.

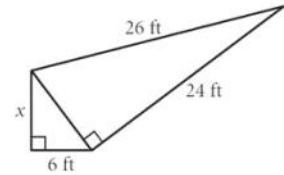
1. $a =$ _____



2. $p \approx$ _____

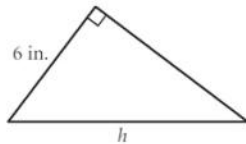


3. $x =$ _____

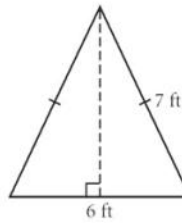


4. Area = 39 in^2

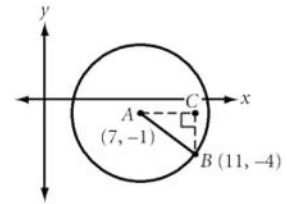
$h \approx$ _____



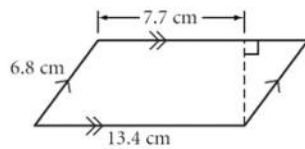
5. Find the area.



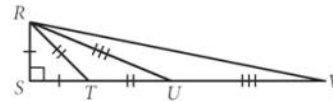
6. Find the coordinates of C and the radius of circle A.



7. Find the area.



8. $RS = 3 \text{ cm}$. Find RV .



9. Base area = $16\pi \text{ cm}^2$ and slant height = 3 cm. What's wrong with this picture?



10. Given $\triangle PQR$, with $m\angle P = 90^\circ$, $PQ = 20 \text{ in.}$, and $PR = 15 \text{ in.}$, find the area of $\triangle PQR$, the length of the hypotenuse, and the altitude to the hypotenuse.