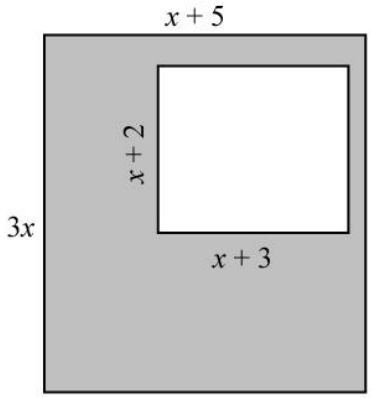
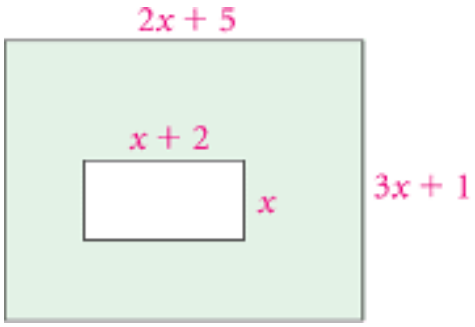
Find an expression that represents the area of a square with side length $4x - 3$.

What is the area of a rectangle with length $4x - 3$ and width $6x + 9$?

What is the area of a rectangle with length $4x + 2$ and width $7y – 3$?

What is the area of a triangle with base length $5x – 8$ and a height of $3x + 5$?

Find the area of the shaded region below. Show all work.



Find the area of the shaded region below. Show all work!