Solving Equations - Area of Rectangles

Solve for x and then find the area of each rectangle.
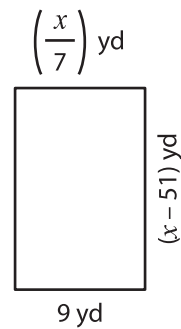
1)

(54 − 7x) in   (18 − x) in
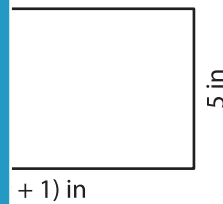
12 in

$x =$ _____

Area = _____

2)

$\left(\dfrac{x}{7}\right)$ yd

(x − 51) yd

9 yd

$x =$ _____

3)

(9x − 4)

33 ft

(3x)

$x =$ _____

Area = _____

5 in

+ 1) in

5)

16 y

(7x − 39) yd

(−x + 17) yd

9 ft

(47 + 6x) ft

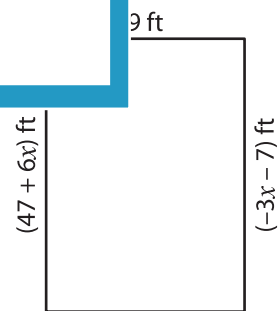(−3x − 7) ft
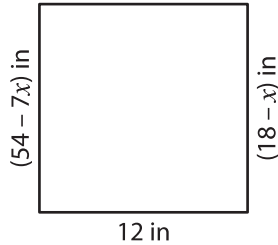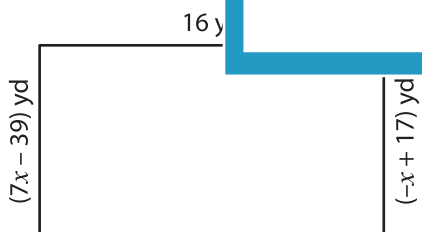
$x =$ _____

Area = _____

$x =$ _____

Area = _____

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