Name : _____

Solving Equations - Perimeter of Rectangles

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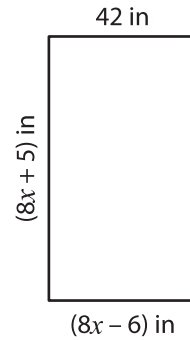
1)

(3x + 18) yd

4 yd

(24 + 5x) yd
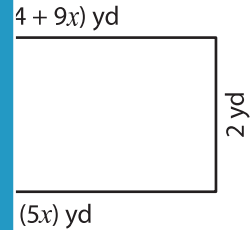
2)

42 in

(8x + 5) in

(8x − 6) in

$x =$ _____

Perimeter = _____

$x =$ _____

_____

3)

(2x

(−3

$x =$ _____

Perimeter = _____

4 + 9x) yd

2 yd

(5x) yd

_____

_____
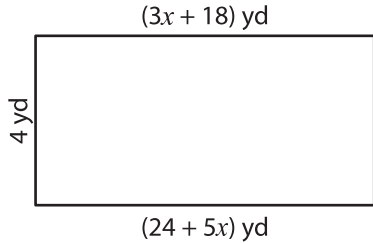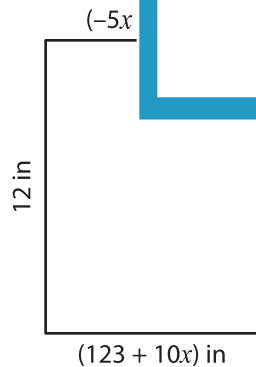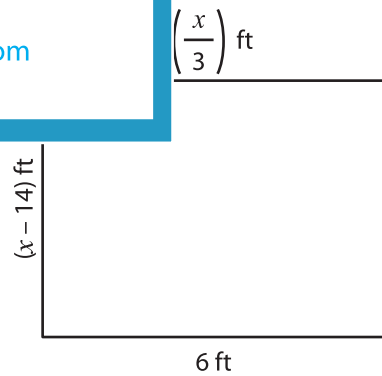
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5)

(−5x

12 in

(123 + 10x) in

$x =$ _____

Perimeter = _____

$\left(\dfrac{x}{3}\right)$ ft

(x − 14) ft

6 ft

$x =$ _____

Perimeter = _____