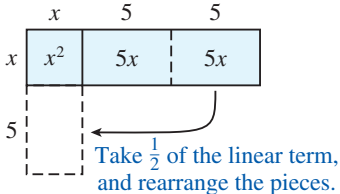
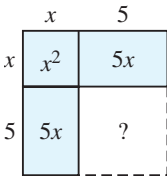


Represent $x^2 + 10x$ as the area of a rectangle.

(a)

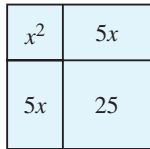


(b)



What is the area of the missing piece?

(c)



We must add $5^2 = 25$;
 $x^2 + 10x + 25 = (x + 5)^2$.

(d)