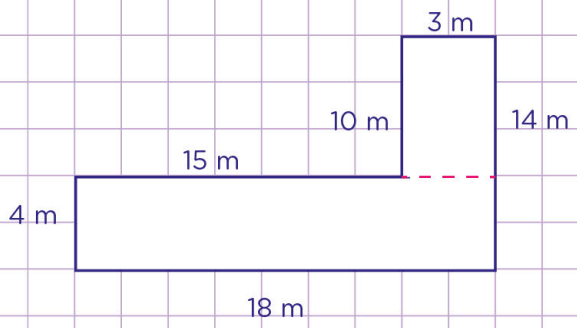
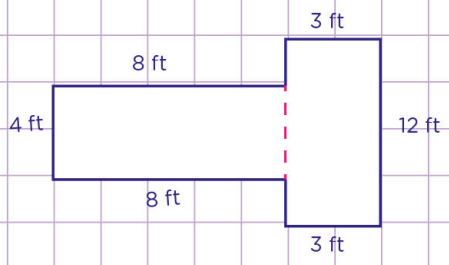
Name: ..... Class: .....

Area of complex figures with all right angles

Find the area of the following complex figures.





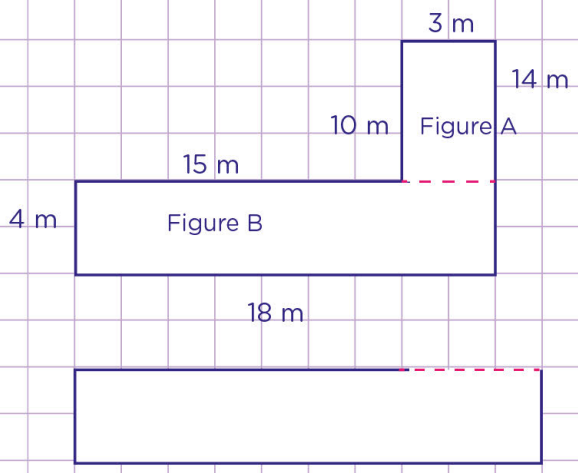
Solution

mathskills4kids

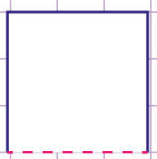
Name: ..... Class: .....

Area of complex figures with all right angles

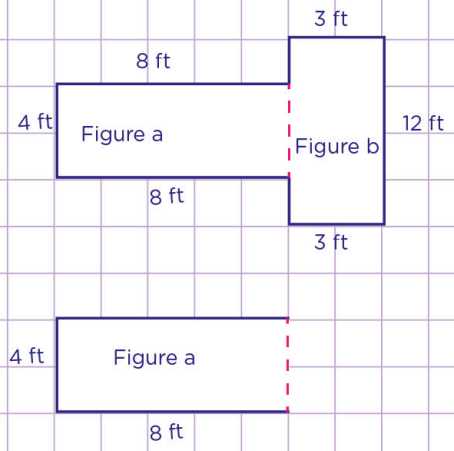
Find the area of the following complex figures.



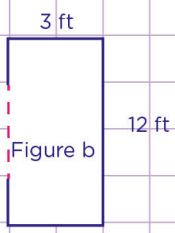
let's first of all divide the
Now let's find the area of figure A
area = Length x Width
Length of A = 10
Width A = 3
so, area of figure a = (10 x 3) = $30m^2$



Then let's find the area of figure B
length of figure B = 18m
Width of figure B = 4m
So, area of figure b = 18 x 4 = $72m^2$
Finally to find the area of the complex figure, let's add thr two areas
32 m^2 + 72 m^2 = 102 m^2



let's first of all divide the
Now let's find the area of figure A
area = Length x Width
Length of A = 8
Width A = 4
so, area of figure a = (8 x 4) = $32ft^2$



Then let's find the area of figure B
length of figure B = 12 ft
Width of figure B = 3 ft
So, area of figure b = 12 x 3 = 36 ft^2
Finally to find the area of the complex figure, let's add thr two areas
32 ft^2 + 36 fr^2 = 68 ft^2