Multiply.

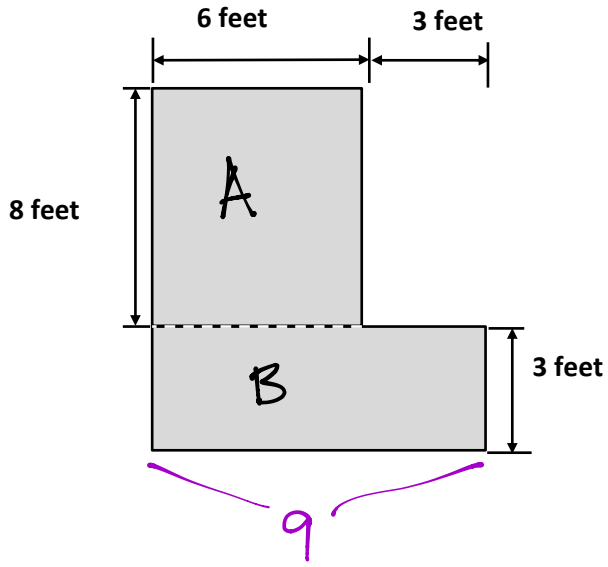
8 x 1 = 8	8 x 2 = 16	8 x 3 = 24	8 x 4 = 32
8 x 5 = 40	8 x 6 = 48	8 x 7 = 56	8 x 8 = 64
8 x 9 = 72	8 x 10 = 80	8 x 5 = 40	8 x 6 = 48
8 x 5 = 40	8 x 7 = 56	8 x 5 = 40	8 x 8 = 66
8 x 5 = 40	8 x 9 = 72	8 x 5 = 40	8 x 10 = 80
8 x 6 = 48	8 x 5 = 40	8 x 6 = 48	8 x 7 = 56
8 x 6 = 48	8 x 8 = 64	8 x 6 = 48	8 x 9 = 72
8 x 6 = 48	8 x 7 = 56	8 x 6 = 48	8 x 7 = 56
8 x 8 = 64	8 x 7 = 56	8 x 9 = 72	8 x 7 = 56
8 x 8 = 64	8 x 6 = 48	8 x 8 = 64	8 x 7 = 56
8 x 8 = 64	8 x 9 = 72	8 x 9 = 72	8 x 6 = 48
8 x 9 = 72	8 x 7 = 56	8 x 9 = 72	8 x 8 = 64
8 x 9 = 72	8 x 8 = 64	8 x 6 = 48	8 x 9 = 72
8 x 7 = 56	8 x 9 = 72	8 x 6 = 48	8 x 8 = 64
8 x 9 = 72	8 x 7 = 56	8 x 6 = 48	8 x 8 = 64

NOTE: Multiple solution methods are possible! We are only showing one of the possible solution methods.

Name _____ Date _____

1. Find the area of each of the following figures. All figures are made up of rectangles.

a.



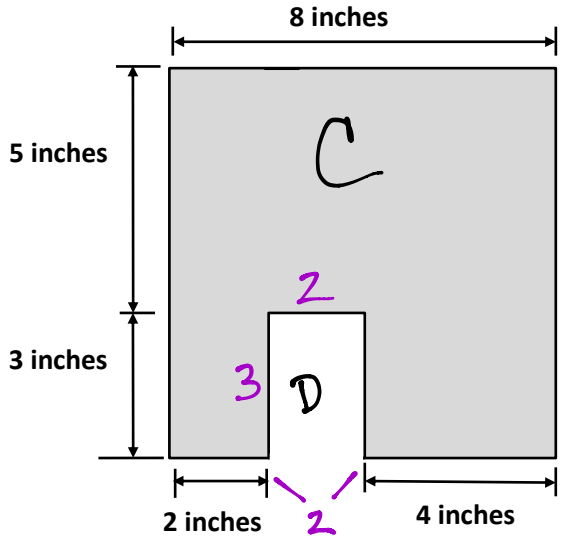
A: $8 \times 6 = 48$ sq ft

B: $9 \times 3 = 27$ sq ft

$$\begin{array}{r} {\scriptstyle 1} \\ 48 \\ +27 \\ \hline 75 \end{array}$$

Total area: 75 sq ft

b.



C: $8 \times 8 = 64$ sq in

D: $3 \times 2 = 6$ sq in

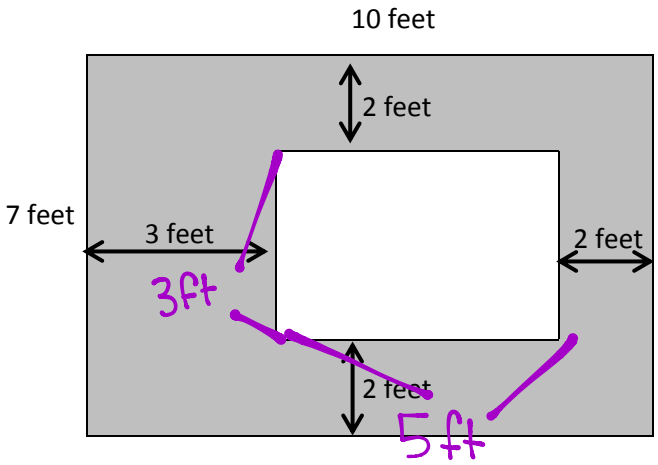
$64 - 6 = 58$

Total area: 58 sq in

2. The figure below shows a small rectangle cut out of a big rectangle.

7-2-2=3

10-3-2=5



a. Label the side lengths of the unshaded region.

b. Find the area of the shaded region.

7x10-3x5

70-15

55

55 sq ft