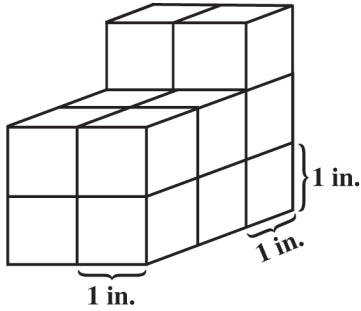# Estimate and compute the area of more complex or irregular two- and three-dimensional figures by breaking the figures down into more basic geometric objects. 7MG2.2

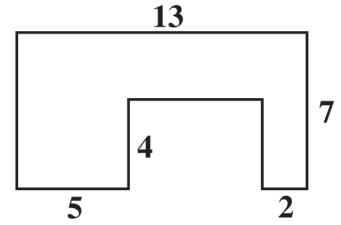**110.** One-inch cubes are stacked as shown in the drawing below.

What is the **total** surface area?

A   19 in.$^2$

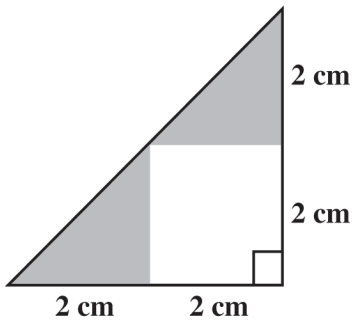B   29 in.$^2$

C   32 in.$^2$

D   38 in.$^2$



**111.** In the figure shown ~~above~~, all the corners form right angles. What is the area of the figure in square units?
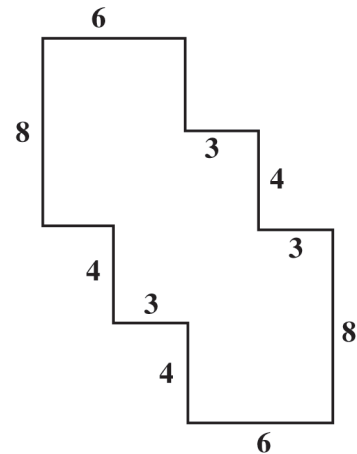
A   67

B   73

C   78

D   91



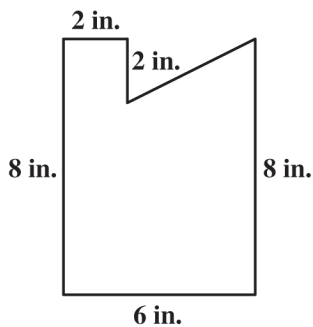**112.** What is the area of the shaded region in the figure shown below?



A   4 cm$^2$

B   6 cm$^2$

C   8 cm$^2$

D   16 cm$^2$

**113.** A right triangle is removed from a rectangle as shown in the figure below. Find the area of the remaining part of the rectangle.



A   40 in.$^2$

B   44 in.$^2$

C   48 in.$^2$

D   52 in.$^2$

**114.** In the figure below, every angle is a right angle.



What is the area, in square units, of the figure?

A   96

C   120

B   108

D   144