

Try These

1. Find the perimeter of each polygon.







Area of a Rectangle



Try These

Find the area of each rectangle. Complete the chart.



Figure	Area
А	
В	
С	
D	
E	
F	

Practice

1. Find the area of each rectangle.



2. Measure the length and width of each object to the nearest unit. Use these dimensions to find the area. Record your work in the chart.

Object	Length	Width	Area
a tabletop			
the classroom floor			
a sheet of paper			
a page from a magazine			

 Draw a rectangle with an area of 12 cm². Label the side lengths.

Stretch Your Thinking Find the area of the shaded part of the rectangle. Show all your work. 4 cm 1 cm 4 cm



Volume of a Rectangular Prism



The volume of the prism is 56.35 cm³.

Try These

1. Find the volume of each rectangular prism.



Practice

1. Find the volume of each box.



- 2. Work with a partner.
 - a) Find 4 small boxes. Label the boxes A, B, C, and D.
 - **b)** Measure the dimensions of each box. Estimate, then calculate, each volume. Record your results in the table.

Вох	Length	Width	Height	Estimated Volume	Actual Volume
А					
В					
С					
D					

3. Complete each table.

a)	Length (cm)	Width (cm)	Height (cm)	Volume (cm ³)	b)	Length (cm)	Width (cm)	Height (cm)	Volume (cm³)
	6	9	3			5.3	4.0	7.1	
	8		2	80		6.0	3.2		96
	4	3		48			2.0	1.1	22
		5	5	125		12.0		4.0	120

Stretch Your Thinking

Jocelyn built a rectangular prism with 36 centimetre cubes.

What might be the dimensions of the prism? Give as many answers as you can.