

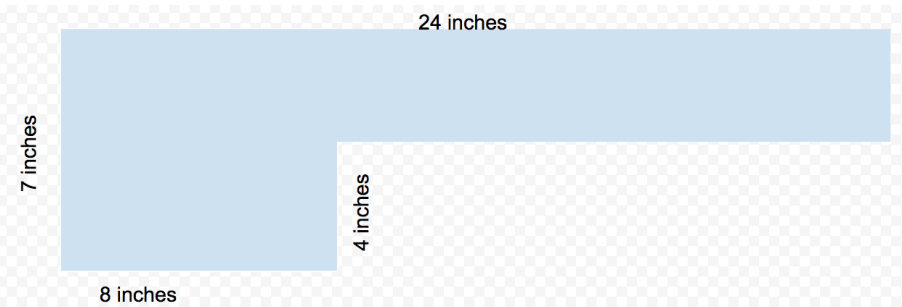
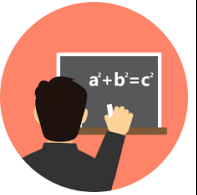


# Know Your Area

## Hyperdoc

	<h3>Connection</h3>
	<p><a href="#">Maths Mansion Area</a></p> <p>Watch this video about area. What does it make you think about?</p>

	<h3>Read &amp; Watch</h3>
	<p>Problem- How can you find the area of an irregular shape?</p>  <p><a href="#">Finding the Area of Irregular Shapes</a></p> <p><a href="#">What is the Area?</a></p>

	<h3>Engagement Activity</h3>
	<p><a href="#">Edpuzzle- Maths Mansion Area: The Test</a></p>



## Independent Application

Practice solving these problems. Show your math! Here is a [video demonstration](#) of the first one done for you.  
[Ramp Up Worksheet Activity 12](#)



## Show What You Know

Edpuzzle- Use the [video in this Edpuzzle](#) to compare your solutions to the teacher's.

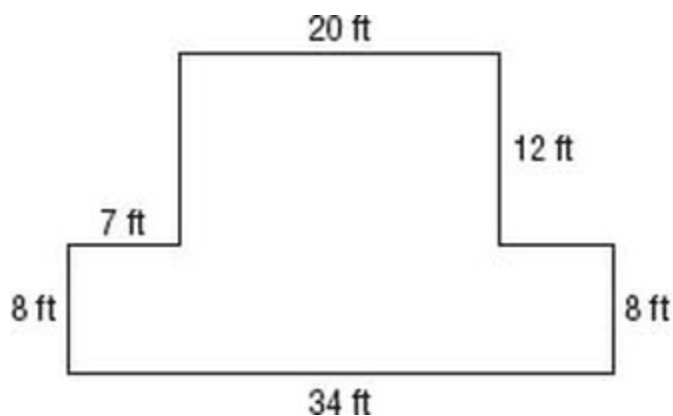


## Extend the Learning

Choose one of the problems below. Click the [Flipgrid link](#) and demonstrate how to solve this problem. You may show on paper or with a white board.

### Problem 1

Javier is helping his uncle build a stage for his band for the upcoming South by Southwest Music Festival. They have drawn out the plan for the stage and need to purchase the wood to put on top of the base. How many square feet of plywood will they need to purchase?

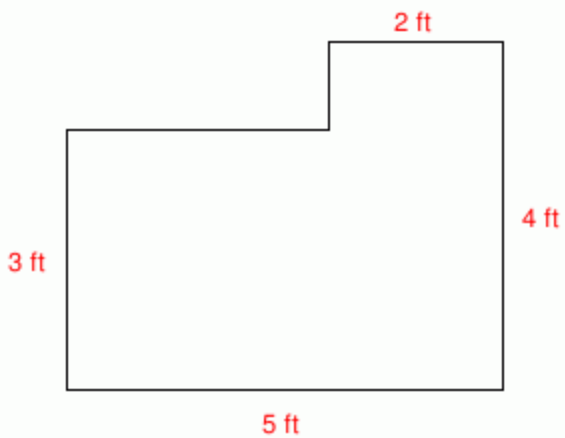


**Challenge!** Lowe's sells plywood in 4 foot by 8 foot sheets. How many sheets will Javier and his uncle need to purchase?

## Problem 2

Jessica's Nana is going to make curtains for the clubhouse her mom just built her. She found 2 perfect material samples in the clearance bin at Hobby Lobby. Nana needs at least 18 square feet of material. Which piece of material should they get?

Sample A



Sample B

