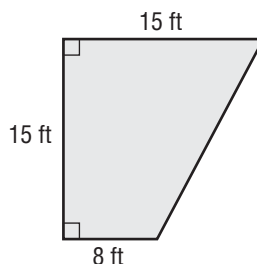


# Lesson 3 Problem-Solving Practice

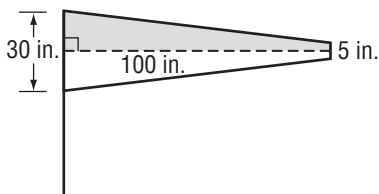
## Area of Trapezoids

- 1. GEOGRAPHY** Missouri has a shape that is similar to a trapezoid with bases of about 198 miles and 276 miles and a height of about 270 miles. Estimate the area of the state.

- 2. PATIOS** Greta is making a patio with the dimensions given in the figure. What is the area of the patio?

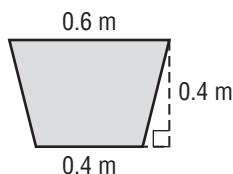


- 3. FLAGS** Malila wants to make the International Marine Signal flag shown. What is the area of the flag?



- 4. SIGNS** Ciro made a sign in the shape of a trapezoid. The parallel sides measured 18 inches and 35 inches. The distance between these sides was 19 inches. What was the area of Ciro's sign?

- 5. TRAY** A tray in a school cafeteria has the dimensions shown. Find the area of the tray.



- 6. GARDENING** Kinu wants to buy topsoil for a section of her garden that has the dimensions shown in the figure. Each bag covers 2 square yards. How many bags of topsoil should Kinu buy?

