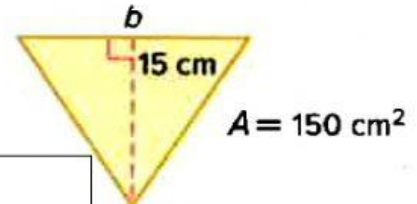**Page 696 - 675**

Area of Triangles

Independent Practice

4. Faris designs uniquely-shaped ceramic floor tiles. What is the base of the tile shown? (Example 3)
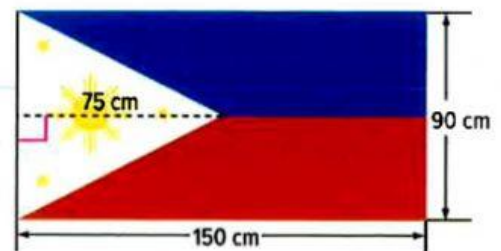
b

15 cm

$A = 150 \text{ cm}^2$

$b = A \div (\frac{1}{2} \times h) =$

$b = \quad \div (\frac{1}{2} \times \quad)$

$b = \quad \div \quad = \quad \text{cm}$

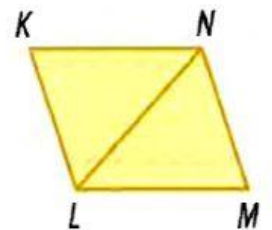**8.** What is the area of the triangle on the flag of the Philippines in centimeters? Explain your reasoning.

75 cm

90 cm

150 cm

$b = \quad\quad h =$

$\text{area} = \frac{1}{2} \times b \times h$

$= \frac{1}{2} \times \quad \times \quad = \quad \text{cm}^2$

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22. **MP** **Identify Repeated Reasoning** Refer to parallelogram *KLMN* at the right. If the area of parallelogram *KLMN* is 35 square centimeters what is the area of triangle *KLN*?

$K \quad\quad N$

$L \quad\quad M$

The area of triangle KLN =