

## Areas of Rectangles and Squares

### Formulas

1. Area of a Rectangle:  $A = lw$
2. Area of a Square:  $A = s^2$

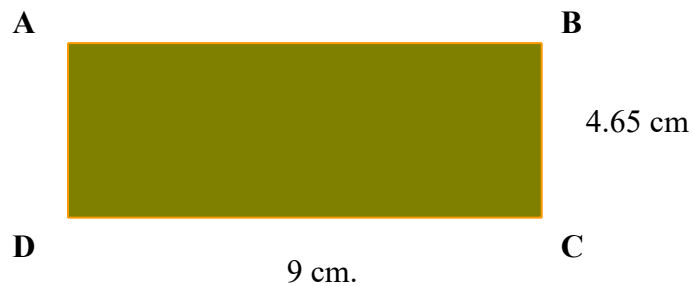
### **\*\* IMPORTANT \*\***

When finding area – Units are always squared.

### EXAMPLES

Make sure to show the formula used and each step to receive full credit.  
Label, label, label

1. Find the area of rectangle ABCD



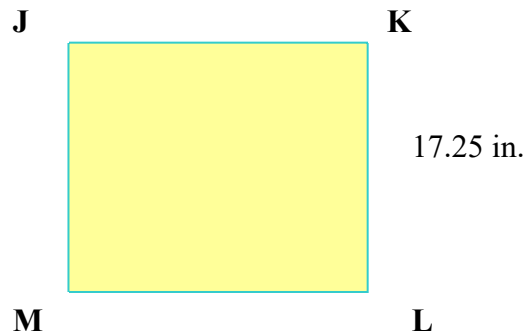
$$A = lw$$

$$A = (9\text{cm})(4.65 \text{ cm}) \quad \text{[show multiplication work – no calculator]}$$

$$A = 41.85 \text{ cm}^2 \quad \text{OR} \quad 41.85 \text{ cm. sq.} \quad \text{OR} \quad 41.85 \text{ sq. cm.}$$

Chapter 9  
Math 7  
Class Notes

2. Find the area of square JKLM



$$A = s^2$$

$$A = (17.25 \text{ cm})^2$$

$$A = (17.25\text{cm})(17.25 \text{ cm}) \text{ [show multiplication work – no calculator]}$$

$$A = 297.5625 \text{ cm}^2 \quad \text{OR} \quad 297.5625 \text{ cm. sq.} \quad \text{OR} \quad 297.5625 \text{ sq. cm.}$$

**Textbook pages 250-253**