

# Lesson 5.2-Key

Area and Fractions & Expressions

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Students write expressions to find complex areas involving fractional values.

Directions: Find the area of the shapes provided.

$A = \frac{1}{2} \cdot 4 = 2 \text{ sq.}$   
 $A = \frac{1}{2} \cdot 2 = 1 \text{ sq.}$   
 $A = 1 \cdot 6 = 6 \text{ sq.}$   
 $A = \frac{1}{2} \cdot 1 = \frac{1}{2}$   
 $A = \frac{1}{2} \cdot 1 = \frac{1}{2} \text{ sq}$

$\text{Area} = \underline{2} + \underline{1} + 6 + \underline{\frac{1}{2}} + \underline{\frac{1}{2}}$   
 $\text{Area} = 3 + 6 + 1$   
 $\text{Area} = 10 \text{ squares}$