

# Challenge Problems

## 4.5

NAME \_\_\_\_\_

Module 4 Fractions, Decimals, Percents, and Factors  
Lesson 5 Simplifying and Converting Fractions

### Set 1

1 Is the fraction  $\frac{4}{6}$  in simplest form? Write an explanation for the answer.

2 Write three fractions that are equivalent to  $\frac{1}{2}$ . Describe or model a situation that represents each fraction.

### Set 2

1 Write  $\frac{10}{2}$  in simplest form. Explain why the answer is not a fraction.

2 When does an improper fraction represent a whole number? Write an explanation for this answer.

# Additional Work Area