

LESSON  
**6•11**

**Math Boxes**



1. Use your calculator to rename each of the following in standard notation.

a.  $5^5 =$  \_\_\_\_\_

b.  $7^3 =$  \_\_\_\_\_

c.  $9^3 =$  \_\_\_\_\_

d.  $3^9 =$  \_\_\_\_\_



2. Continue each pattern.



a. 5, 14, 23, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

b. 48, \_\_\_\_\_, 152, 204, \_\_\_\_\_, \_\_\_\_\_

c. 12, 72, \_\_\_\_\_, 192, \_\_\_\_\_, \_\_\_\_\_

d. 60.5, 111, \_\_\_\_\_, \_\_\_\_\_, 262.5

e. \_\_\_\_\_, 21.50, 22.25, \_\_\_\_\_, 23.75

3. Write the following numbers in order from greatest to least.

50,200; 5,200; 52,000; 5,200,002; 500,200

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



4. Complete the "What's My Rule?" table and state the rule.

in	out
20	800
3	120
40	
	2,000
	320
700	

Rule

\_\_\_\_\_




5. Write the mixed number name and fraction name by each diagram.

**Whole**

hexagon

a.  Mixed number \_\_\_\_\_

Fraction \_\_\_\_\_

b.  Mixed number \_\_\_\_\_

Fraction \_\_\_\_\_



6. Make true sentences by inserting parentheses.

a.  $4 * 8 - 5 = 12$

b.  $2 + 7 * 7 = 51$

c.  $91 / 4 - 3 = 91$

d.  $63 / 9 + 11 = 18$

e.  $72 / 30 + 6 = 2$

