


LESSON
6•8
Math Boxes

1. a. What is 30% of \$1.00?

- b. How many cents is 60% of \$1.00?

- c. What is 75% of \$1.00?

- d. How many cents is 5% of \$1.00?



2. Use a calculator to complete the table.
(Round decimals to the nearest hundredth.)

| Fraction | Decimal | Percent |
|-----------------|---------|---------|
| $\frac{3}{7}$ | | |
| $\frac{10}{11}$ | | |
| $\frac{8}{15}$ | | |
| $\frac{7}{9}$ | | |
| $\frac{8}{14}$ | | |



3. Use your calculator to complete the table.

| Exponential Notation | Product of Factors | Standard Notation |
|----------------------|--------------------------|-------------------|
| 9^4 | | |
| | $12 * 12 * 12 * 12$ | 20,736 |
| 8^4 | | |
| | $11 * 11 * 11 * 11 * 11$ | |
| 10^3 | | |



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

Rule

| in | out |
|----|-----|
| 27 | 20 |
| | 6 |
| 5 | -2 |
| 10 | |



5. Make true sentences by inserting parentheses.

- a. $5 * 4 - 2 = 10$
- b. $25 + 8 * 7 = 81$
- c. $36 / 6 - 5 = 36$
- d. $45 / 9 + 6 = 11$
- e. $45 / 9 + 6 = 3$

