

## Lesson 18 Practice Problems

1. The value of  $x$  is  $\frac{-1}{4}$ . Order these expressions from least to greatest:

$x$

$1 - x$

$x - 1$

$-1 \div x$

2. Here are four expressions that have the value  $\frac{-1}{2}$ :

$\frac{-1}{4} + \left(\frac{-1}{4}\right)$

$\frac{1}{2} - 1$

$-2 \cdot \frac{1}{4}$

$-1 \div 2$

Write five expressions: a sum, a difference, a product, a quotient, and one that involves at least two operations that have the value  $\frac{-3}{4}$ .

3. Find the value of each expression.

a.  $-22 + 5$

b.  $-22 - (-5)$

c.  $(-22)(-5)$

d.  $-22 \div 5$

4. The price of an ice cream cone is \$3.25, but it costs \$3.51 with tax. What is the sales tax rate?

(From Unit 6, Lesson 7.)

