

Lesson 7.5

1. Evaluate  $xy - 3$  when

(a)  $x = -4, y = \frac{3}{2}$

(b)  $x = \frac{1}{3}, y = \frac{2}{3}$

(c)  $x = -\frac{2}{3}, y = -\frac{7}{10}$

(d)  $x = \frac{5}{6}, y = -2$

2. Evaluate  $3(2x + y)$  and  $6x + 3y$  for the following values:

(a)  $x = 0, y = -1$

$3(2x + y) =$

$6x + 3y =$

(b)  $x = -3, y = -2$   
 $3(2x + y) =$

$$6x + 3y =$$

(c)  $x = -\frac{1}{2}, y = \frac{3}{5}$   
 $3(2x + y) =$

$$6x + 3y =$$

3. Evaluate  $-x + \sqrt{x^2}$  for each of the following values:

(a)  $x = 0$

(b)  $x = 4$

(c)  $x = -4$