Algebra 2
Unit: Systems of Equations and Inequalities
Section: Systems of Linear Inequalities

Multiple Choice: Solutions to Systems of Linear Inequalities

Directions: Choose the point that lies in the shaded region.

1. y is greater than or equal to two x minus 3 and y is less than to negative two-thirds x plus 1
a. (0, 0)
b. (2, -2)
c. (1, 4)
d. (3, 0)

2. y is less than or equal to three and y is less than or equal to negative 2 x minus 1
a. (-3, 4)
b. (-3, 2)
c. (0, 0)
d. (0, 4)

3. x is greater than negative three and x is less than three
a. (4, 1)
b. (-3, 2)
c. (4, -1)
d. (0, 0)

4. y is greater than or equal to four x minus 2 and y is less than or equal to negative two-fifths x minus 2
a. (0, 0)
b. (1, 2)
c. (-2, 3)
d. (1, -3)

Answers:

1. c

2. b

3. d

4. b