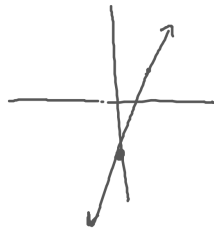


Grab a sheet and get started



Agenda

Book Work Questions

Quiz 50 min

Midterm Review Answers

Midterm Review Questions

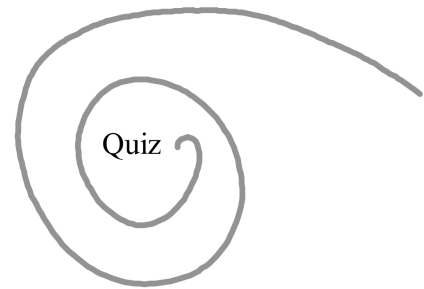
pg 440
#31

Let
Popcorn = $x = 96$
pretzels = $y = 48$

They see 48 pretzels
& 96 popcorn

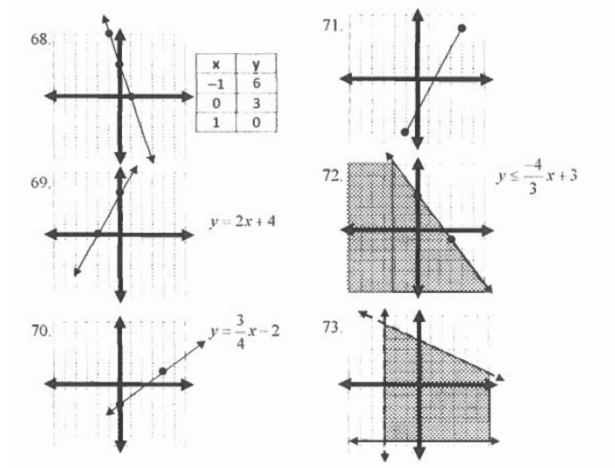
$$2.50x + 2y = 336$$
$$x = 2y$$

$$2.50(2y) + 2y = 336$$
$$5y + 2y = 336$$
$$7y = 336$$
$$y = 48$$



31. The smaller number is 25.
 32. The larger integer is 24.
 33. Distributive Property of Equality
 34. Commutative Property of Addition
 35. Associative Property of Addition
 36. a. 28 b. -22 c. -2
 37. 13
 38. 4
 39. a. 2
 b. $y = x - 5$
 40. D
 41. No
 42. Domain: All Reals
 Range: $y \geq -3$
 Yes it is a function
 43. Domain: $-1 \leq x \leq 3$
 Range: $-4 \leq y \leq 4$
 No it is not a function

53. Zero
 54. $\frac{-9}{2}$
 55. Undefined
 56. $\frac{7}{3}$
 57. y-intercept : 7
 slope : $\frac{-3}{2}$
 58. $m = \frac{3}{5}$
 59. $m = \frac{-5}{3}$



74. $5x + y = 6$

75. $2x - 5y = 15$

76. $v = 2r - 6$

77. $3x + y = 7$

78. $y - 5 = \frac{3}{5}(x + 2)$

79. $5x - y = 4$

80. $y = \frac{2}{3}x + 1$

81. $y = -3x + 17$

82. $y = -\frac{1}{2}x + 1$

83. $x + 2y = 2$

84. One solution (list the ordered pair)

No solution

Infinitely many solutions

85. (1, 2)

86. No solution

87. (13, 6)

88. The length is 13 feet.

The width is 5 feet.

Closure

What do you need to do to prepare for the exam?

Be prepared to share.