

Lesson 3.2.2

3-48. $77 + 56 + 33 + 24 = 190$ square units.

3-49. $(2x + 4)(x + 2) = 2x^2 + 8x + 8$

3-50. See below:

a. Multiply by 6.

b. $x = 15$

c. $x = 4$

3-51. See below:

a. $m = 3$

b. $(0, -2)$

c. $y = 3x - 2$

3-52. $10,000 + 1500x = 18,000 + 1300x$, $x = 40$ months

3-53. See table below and graph at right. The x -intercepts are $(1.5, 0)$ and $(-1, 0)$; the y -intercept is $(0, -3)$

x	-2	-1	0	1	2	3
y	7	0	-3	-2	3	12

