

DIRECTIONS

Answers without work to check. If you cannot find your mistake then please seek help EARLY! This assignment is worth 4 pts. 1) did you complete it 2) did you show all the work 3) did you correct in pen 4) did you get 75% of the problems correct?

Pg. 40 answers. Check the ones you were supposed to do for your assignment.

7. $y = 9x - 45$

9. $y = x - 3$

11. $y = 18x + 12$

15. $x = \frac{a}{2 + 6z}$

17. $x = \frac{y - 6}{4 + r}$

23. a. $x = \frac{C - 60}{85}$
b. 3 trips; 5 trips

24. a. $n = \frac{d + 2}{4}$
b. $1\frac{1}{4}$ in.; 2 in.; 3 in.
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25. The equation is not solved for x because there is still a term with x on both sides; $x = y - x + 6$; $2x = y + 6$; $x = \frac{y + 6}{2}$
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26. There is no x in $3b$ to factor out; $10 = ax - 3b$;
 $10 + 3b = ax$; $x = \frac{10 + 3b}{a}$
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27. $C = R - P$

28. $h = \frac{S - 2\pi r^2}{2\pi r}$

29. $b_2 = \frac{2A}{h} - b_1$

34. a. $m = dV$

b. 6.012 g

38. a. $55t = 20g$

b. $g = \frac{11t}{4}$

c. 16.5 gal; 330 mi; The amount of gasoline used can be found using the formula from part (b). Either of the original formulas can be used to find the distance.

47. 35

48. 34

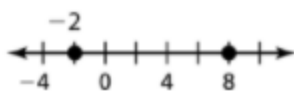
49. 47

50. -29

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51. $x = -2, x = 8;$



52. $y = 1, y = 7;$



53. no solution

54. $s = -15, s = -3;$

