

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

1. $z = -9$; Subtract 3 from each side.

9. $w = \frac{25}{4}$

2. $t = -13$; Divide each side by -0.2 .

10. $x = 10$; 110° , 50° , 20°

3. $n = 10$; Multiply each side by -5 .

11. $x = 126$; 126° , 96° , 126° , 96° , 96°

4. $y = -9$

12. $n = -4$

5. $b = -5$

13. infinitely many solutions

6. $n = 6$

14. no solution

7. $z = -5$

15. $y = 14$, $y = -20$

8. $x = 18$

16. $w = 3$, $w = -\frac{1}{5}$

17. $x = -1$

18. $|v - 84.5| = 10.5$

19. $y = \frac{1}{2}x - 5$

20. $y = 2x - 2$

21. $y = \frac{a}{9 + 3x}$

22. a. $h = \frac{3V}{B}$
b. 18 cm

23. a. $K = \frac{5}{9}(F - 32) + 273.15$
b. about 355.37 K