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?

MCR on Pg. 26 answers. Check the ones you were supposed to do for your assignment.

1. $x = -2$; Subtract 9 from each side.

2. $z = 12.4$; Add 3.8 to each side.

3. $r = -5$; Divide each side by -12.

9. $k = -9$

4. $p = 24$; Multiply each side by $\frac{4}{3}$.

10. $x = 14$

11. $c = 0$

5. $m = 8$

12. $n = -9$

6. $v = 5$

13. $q = \frac{5}{6}$

7. $w = \frac{1}{5}$

15. no solution

16. infinitely many solutions

17. $2 = \frac{s}{5}$; 10 sec

18. $12 + 2x = 15$; $1\frac{1}{2}$ ft

19. a. 3 h; The cost at studio A is $10 + 8h$ and the cost at Studio B is $16 + 6h$. To find when the costs are the same, set these two expressions equal and solve for the time.

b. The costs will never be the same; *Sample answer:* The cost for studio B changes to $16 + 8h$, and the new equation has no solution.