ANSWER PRESENTATION TOOL

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.

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

5. $m = 8$

6. $v = 5$

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

8. $a = -0.6$

9. $k = -9$

10. $x = 14$

11. $c = 0$

12. $n = -9$

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

14. $y = -2$

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.