



Name: _____

Date: _____

Algebra 1 – Unit 2 – Linear Equations (Medium)

1. $9x - 4 = -85$

6. $2x - 11 = -13$

2. $2x - 8 = 22$

7. $8x + 11 = 147$

3. $2x - 10 = -26$

8. $9x - 5 = 31$

4. $4x - 1 = 35$

9. $9x - 5 = -5$

5. $10x + 4 = 94$

10. $6x + 9 = 21$



Algebra 1 – Unit 2 – Linear Equations (Medium) – Answer Key

1. $9x - 4 = -85$

$x = -9$

6. $2x - 11 = -13$

$x = -1$

2. $2x - 8 = 22$

$x = 15$

7. $8x + 11 = 147$

$x = 17$

3. $2x - 10 = -26$

$x = -8$

8. $9x - 5 = 31$

$x = 4$

4. $4x - 1 = 35$

$x = 9$

9. $9x - 5 = -5$

$x = 0$

5. $10x + 4 = 94$

$x = 9$

10. $6x + 9 = 21$

$x = 2$