



Name: _____

Date: _____

Unit 2 – Equations

1. If $5x + 11 = 46$, subtract what from both sides to get $5x = 35$?
2. $7x + 9 = 58$
3. If $3x + 13 = 37$, subtract what from both sides to get $3x = 24$?
4. $8x + 15 = 79$
5. If $x = 6$ makes $2x + 7 = 6x + ?$ true, find ?
6. If $x = 5$ makes $2x + 6 = 6x + ?$ true, find ?
7. $4x + 6 = 54$
8. If $5x + 12 = 37$, subtract what from both sides to get $5x = 25$?



Unit 2 – Equations – Answer Key

1. If $5x + 11 = 46$, subtract what from both sides to get $5x = 35$?

$$x = 11$$

2. $7x + 9 = 58$

$$x = 7$$

3. If $3x + 13 = 37$, subtract what from both sides to get $3x = 24$?

$$x = 13$$

4. $8x + 15 = 79$

$$x = 8$$

5. If $x = 6$ makes $2x + 7 = 6x + ?$ true, find ?

$$x = -17$$

6. If $x = 5$ makes $2x + 6 = 6x + ?$ true, find ?

$$x = -14$$

7. $4x + 6 = 54$

$$x = 12$$

8. If $5x + 12 = 37$, subtract what from both sides to get $5x = 25$?

$$x = 12$$