Math Practice - Grade 7

M6 Equations and inequalities

M6 7.EE.3, 7.EE.4, 7.EE.4a, 7.EE.4b

Name: _____ Date: _____

Solve the two step equations. Solve the word problems. Write and graph the inequality on the number line.

1 **Solve 9x + 6 = 15.**

x = ☐

---

2 **Solve 4(x + 1) = 36.**

x = ☐

---

3 **Leo saves 2 every week and already has 10 saved. He wants 26. How many weeks must he save? x = weeks**

2x + 10 = 26, x = ☐

Math Practice - Grade 7

M6 Equations and inequalities

M6 7.EE.3, 7.EE.4, 7.EE.4a, 7.EE.4b

Name: _____ Date: _____

Solve the two step equations. Solve the word problems. Write and graph the inequality on the number line.

1 **Solve 11x + 17 = 72.**

x = ☐

---

2 **Solve 8(x + 4) = 80.**

x = ☐

---

3 **A plumber charges a 8 call out fee plus 3 per hour. The bill is 17. How many hours did the job take? x = hours**

3x + 8 = 17, x = ☐

Math Practice - Grade 7

M6 Equations and inequalities

M6 7.EE.3, 7.EE.4, 7.EE.4a, 7.EE.4b

Name: _____ Date: _____

Solve the two step equations. Solve the word problems. Write and graph the inequality on the number line.

1 **Solve 8x + 7 = 47.**

x = ☐

---

2 **Solve 9(x + 2) = 81.**

x = ☐

---

3 **Leo saves 6 every week and already has 17 saved. He wants 71. How many weeks must he save? x = weeks**

6x + 17 = 71, x = ☐