**Unit 2B Recovery Work**

 **Part A: Solve each algebraically. Show all work.**

|  |  |  |
| --- | --- | --- |
| $$\frac{m}{-9}=11$$ | $\frac{2}{9} $*n* + 12 = 10 | $$8.3(x + 3.1) = 83$$ |
| $$-9x+10= -26$$ | $$3\left(2n+8\right)=36$$ | $$\frac{3}{7}y+5=-2$$ |
| $$-5(x - 10) = -35$$ | $$7(x + 4.9) = 56$$ | $$-5d-8.3=7.2$$  |

**Part B: Write and solve an equation for each.**

|  |  |
| --- | --- |
| Michelle bought a magazine for $6 and some notepads for $3 each. She spent a total of $18. How many notepads did she buy?Variable: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Solve. | Cody’s Bikes rents bikes for $18 plus $5 per hour. Max paid $48 to rent a bike. For how many hours did he rent the bike? Variable: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Equation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Solve. |

**Other Helpful Resources:**

**Quizizz:**

Two Step Equations: 672397

 Two Step Word Problems: 243805

 Distributive Property Equations: 531414

**USA Test Prep:**

7th Grade Math Resources (top right corner)

 Standards: Expressions and Equations #4 and #6

**Textbook:**

Online Version found on Launchpad and McGraw Hill App

 Chapter 4, Lessons 4-5 (pages 283-302)