Tuesday Homework

1. **Robyn had some video games, and then bought 4 more games. If she now has a total of 10 games, how many did she start out with?**

What does your variable represent in the word problem? ___the number of video games she started with

What operation will you use to solve the word problem?_____

One Step Equation:___x + 4 = 10_____   Solution:_____6_____

Robyn started with 6 video games.

2. **Three friends found some money on the playground. They split the money evenly, and each person got $14. How much money did they find on the playground?**

What does your variable represent in the word problem? ___how much money was found

What operation will you use to solve the word problem?_____

One Step Equation:___x/3 = 14_____   Solution:_____$42_____

They found $42 on the playground.

3. **Josh sent 574 text messages over the last 7 days. On average, how many text messages did he send each day?**

What does your variable represent in the word problem? ___# of texts sent each day

What operation will you use to solve the word problem?_____

One Step Equation:___7t = 574_____   Solution:_____82_____

Josh sent 82 texts per day.

4. **In a recent presidential election, Ohio had 18 electoral votes. This is 20 votes less than Texas had, how many electoral votes did Texas have?**

What does your variable represent in the word problem? ___Texas' electoral votes___

What operation will you use to solve the word problem?_____

One Step Equation:___x - 20 = 18_____   Solution:___38_____

Texas had 38 electoral votes.

One Step Equation Practice: ALL STEPS MUST BE SHOWN!

5. $2.3 = x + 0.34$

1.96 = x

6. $p + \frac{1}{7} = \frac{6}{7}$

p = 5/7

7. $\frac{3}{4}d = 12$

d = 16

8. $19 = \frac{x}{7}$

133 = x

9. $h - 26 = 29$

h = 55

10. $1.6w = 72$

w = 45

11. $12.22 = y - 7.5$

19.72 = y

12. $38.2 = 4x$

9.55 = x