Name _____

One-Step Addition Equations

To solve a one-step equation involving addition, subtract the added number from each side of the equation.

Examples:

$$\begin{aligned} x + 8 &= 14 \\ x + 8 - \mathbf{8} &= 14 - \mathbf{8} \\ x &= 6 \end{aligned}$$

$$\begin{aligned} x + 13 &= 5 \\ x + 13 - \mathbf{13} &= 5 - \mathbf{13} \\ x &= -8 \end{aligned}$$

To check an equation's answer, substitute the answer for x in the equation.

$6 + 8 = 14$

$-8 + 13 = 5$

Use the rule above to solve the following problems. Show your work.

Monday 4/27

1. $x + 9 = 14$
2. $x + 5 = 6$
3. $x + 12 = 3$
4. $x + 7 = 6$

Tues 4/28

5. $x + 22 = 10$
6. $x + 4 = 4$
7. $x + 17 = 5$

+8

Tues 4/28

8. $x + 7 = 19$

Wed. 4/29

9. $x + 3 = 9$
10. $x + 8 = 5$
11. $x + 6 = 21$
12. $x + 9 = 8$

Thurs 4/30

13. $x + 2 = 23$
14. $x + 8 = 16$

Thurs 4/30

15. $x + 5 = 12$
16. $x + 8 = 2$

Friday 5/1

17. $x + 14 = 10$
18. $x + 19 = 4$
19. $x + 6 = 22$
20. $x + 7 = 18$
21. $x + 22 = 30$

Name _____

One-Step Subtraction Equations

To solve a one-step equation involving subtraction, add the subtracted number to each side of the equation.

Example:

$$\begin{aligned} x - 8 &= 14 \\ x - 8 + \mathbf{8} &= 14 + \mathbf{8} \\ x &= 22 \end{aligned}$$

Use the rule above to solve the following problems. Show your work.

Monday 5/4

1. $x - 6 = 24$
2. $x - 15 = 9$
3. $x - 14 = 4$
4. $x - 7 = 16$

Tues. 5/5

5. $x - 2 = 16$
6. $x - 9 = 4$
7. $x - 7 = 15$
8. $x - 17 = 9$

Wed 5/6

9. $x - 6 = 9$
10. $x - 8 = 6$

Wed. 5/6

11. $x - 6 = 2$
12. $x - 9 = 18$

Thurs. 5/7

13. $x - 22 = 3$
14. $x - 8 = 6$
15. $x - 5 = 25$
16. $x - 18 = 2$

Friday 5/8

17. $x - 4 = 10$
18. $x - 9 = 24$
19. $x - 16 = 12$
20. $x - 7 = 8$

17 - 20