

Math 6 - Unit 8: Operations w/ Rational NumbersName: KEY

Subtraction of Rational Numbers Homework Day #3

Class Period: 1 2 3 4 Date: _____

Subtract. Make sure you change each subtraction problem to an addition problem before you solve.

1. $3 - 7$

$$3 + (-7)$$
$$\boxed{-4}$$

2. $-5 - 4$

$$-5 + (-4) = \boxed{-9}$$

3. $-6 - 2$

$$-6 + (-2) = \boxed{-8}$$

4. $8 - 13$

5. $6 - (-4)$

$$6 + 4 = \boxed{10}$$

6. $12 - 9$

7. $-2 - 23$

$$-2 + (-23)$$
$$\boxed{-25}$$

8. $63 - 78$

9. $0 - (-14)$

$$0 + 14 = \boxed{14}$$

10. $15 - 6$

11. $18 - 20$

$$18 + (-20) = \boxed{-2}$$

12. $-5 - 8$

Evaluate each expression if $k = -3$, $p = 6$, $n = 1$, and $d = -8$. You must show all your work!

13. $55 - k$

$$55 - (-3)$$
$$55 + 3 = \boxed{58}$$

14. $p - 7$

15. $d - 15$

$$-8 - 15$$
$$-8 + (-15) = \boxed{-23}$$

16. $n - 12$

17. $-51 - d$

$$-51 - (-8)$$
$$-51 + 8 = \boxed{-43}$$

18. $k - 21$

19. $n - k$

$$1 - (-3)$$
$$1 + 3 = \boxed{4}$$

20. $-99 - k$

21. $p - k$

$$6 - (-3)$$
$$6 + 3 = \boxed{9}$$

22. $d - (-1)$

23. $k - d$

$$-3 - -8$$
$$-3 + 8 = \boxed{5}$$

24. $n - d$