

Chapter 2 First Degree Equations and Inequalities

Day	Topic	Assignment	Worksheet/ Quiz
1.	2.1 Equations with 1 variable P65-69 #24-51 Div 3, 66-75 Div 3, 93-105 Div 3 Ex 1-5		W/S 2.1.1 / 2.1.2
2.	2.2 Coin & Integer Problems P73 #5,7,9,21,23,*29,*30 Ex1, 2		W/S 2.1.3
3.	2.3 *Value Mixture Ex*1,*2,*3	P83 #3,*4,*5,*7	W/S 2.2.2 / 2.3.2
4.	2.4 *Application with % Ex*1,2	P92 #5,8,9,27,28,37	Quiz 2.3-2.4
5.	2.5 Inequalities 1 Variable Ex 1-7	P103 #21,24,27,30,58,60,70,81	W/S 2.5.1 / 2.5.2 W/S 2.5.3
6.	2.6 Absolute Inequalities Ex1-4	P114 #13,15,19,64,77	W/S 2.6.1 / 2.6.2
7.	Review	P122 #1-23 (o),27,28,31 P124 #1-19 (o),22,25	Quiz 2.3-2.7

TEST Chapter 2

Name _____
Score _____

Solve and check.

1. $x - 3 = 6$

2. $x - 7 = 3$

3. $b - 2 = -7$

4. $4x = 20$

5. $6x = 3$

6. $-2x = 5$

7. $x + \frac{3}{3} = \frac{11}{15}$

8. $\frac{10}{9} - y = \frac{5}{4}$

9. $\frac{3}{2}y = 8$

10. $-\frac{6}{5}x = \frac{5}{3}$

11. $-\frac{8}{7}y = \frac{12}{5}$

12. $-\frac{9x}{10} = \frac{1}{4}$

13. $x + 9.75 = 13$

14. $x - 16.74 = -1.36$

15. $6x + 8 = 2$

16. $2x - 3x = 0$

17. $3a - 4a = 9 - 4a$

18. $8 - 3t = 2t + 18$

19. $2a - 7a = 9 - 6a$

20. $4a + 7a = 8a - 9$

21. $2b - b = 5 - 2b$

22. $\frac{6}{5}y - 3 = 7$

23. $\frac{3}{10}x + 2 = 3$

24. $4x - 3x + 6 = 11 - 4x$

25. $2x - 7 + 6x = 17 + 4x + x$

26. $3x - 7x + 5 = 3 - 5x$

27. $4t - 6 + 6t = 18 + 2t$

Name _____

Score _____

Solve and check.

1. $3(2x-1) - 4x = 9 + 4x$

3. $5(x-1) + 3 = 3x - 2(3-2x)$

5. $3(x-2) + 6 = 3x - 2(3-x)$

7. $6(x-1) + 3 = 3x - 2(1-x)$

9. $-4(x-1) = 3[x-2(x-4) + x]$

11. $\frac{3}{8}t - \frac{4}{3} = \frac{1}{2}t$

13. $\frac{4}{3}x - \frac{3}{2}x - 4 = \frac{1}{6}x - 7$

15. $\frac{4x-5}{3} - 3x = 10$

17. $\frac{2x-8}{2} - 2x = 10$

19. $\frac{3}{x-1} - \frac{x+4}{4x-3} = \frac{6}{2}$

2. $10 - 2x = 8x - 5(4-x)$

4. $14 - 4x = 6x - 2(5-x)$

6. $5x - 2(x-1) = 3(4-2x) + 8$

8. $3x - 4(x+2) = 3(2-x) + 4$

10. $2[x - (3-x) - 3x] = 4(5-x)$

12. $\frac{3}{2}t - \frac{1}{1}t = 2$

14. $\frac{3}{2}x - \frac{1}{6}x + \frac{1}{3} = \frac{3}{2}x - \frac{3}{2}$

16. $\frac{2a-7}{5} + 3 = 2a$

18. $\frac{3a-7}{4} + 2 = a$

20. $\frac{3x+1}{3} + \frac{2x-3}{4} = \frac{3x-2}{6}$

20. _____

19. _____

18. _____

17. _____

16. _____

15. _____

14. _____

13. _____

12. _____

11. _____

10. _____

9. _____

8. _____

7. _____

6. _____

5. _____

4. _____

3. _____

2. _____

1. _____