Math 1 Homework Week 6

Monday

1. $2m - 8 = -28$

2. $\frac{x}{9} - 3 = 8$

3. $20 - 12m = -40$

4. $\frac{-x}{3} + 5 = 21$

5. $8r - 27 = -19$

6. $6 + \frac{k}{3} = 33$

7. $15 = -4y - 9$

8. $-36 = 4 - 8w$

9. $4a - 15 = -23$

10. $44 = 5x - 6$

11. $x^2 - 1 = 8$

12. $6 + k^3 = 33$

13. $15 = -4y - 9$

Tuesday

1. $6(m + 4) - 2m = -8$

2. $44 = 4(8 + h)$

3. $\frac{3}{4}(8t - 4) = -2$

4. $0 = \frac{1}{5}(10h + 15) + h$

5. $3(5 - t) - 4t = 18$

6. $2(y - 5) = 16$

7. $0.1(h + 20) = 3$

8. $\frac{3z}{8} - 4 = 5$

9. $8.6 = 6j + 4j$

10. $12z - (4z + 6) = 82$

11. $\frac{3}{4}(x + 9) = 15$

12. $\frac{2}{3}(m - 8) = 4$

13. $8s - (8 + 6s) = 20$

Wednesday

1. $\frac{7}{8}t + 2 = 16$

2. $\frac{2}{3}w + 4 = 5$

3. $1 - \frac{2}{9}v = 4$

4. $-\frac{3}{2}(x - 2) = 21$

5. $-\frac{6}{5}(r + 3) = 66$

6. $\frac{5}{6}(x - 18) + 3 = -7\frac{1}{6}$

7. $\frac{1}{9}(3x + 9) = -\frac{17}{18}$

8. $9 - \frac{4}{5}(u - 3) = -\frac{1}{10}$

9. $\frac{3}{8}x - \frac{1}{4} = \frac{5}{16}$

10. $\frac{1}{9}(2x - 12) + \frac{2}{5} = \frac{29}{45}$

Thursday

1. 8b = 2b + 30

2. 51c − 56 = 44c

3. 3p − 8 = 13 − 4p

4. 8(5 − n) = 2n

5. $1.2(3x - 5) = 1.5(2.4x - 4)$

6. $\frac{1}{3}(x - 2) = x$

7. $\frac{1}{4}(20 - 4a) = 6 - a$

8. $4(d + 2) = 14 - 2(3 - 2d)$

9. $\frac{3}{8}\left(x + \frac{4}{9}\right) = -\frac{5}{16}\left(2x + \frac{4}{5}\right)$

10. $2[5(w + 3) - (w + 1)] = 3(1 + w)$