

Name: \_\_\_\_\_

Period: \_\_\_\_\_ Date: \_\_\_\_\_

**Solve Using Multiple Methods**

1.  $3x - 4 = 5$

2.  $4k + 11 = 3$

3.  $7g + 12 = 47$

4.  $\frac{h}{7} = 112$

5.  $\frac{5}{8}m = -60$

6.  $-\frac{4}{9}m = 48$

7.  $5y = 18 + 2y$

8.  $2w - 1 = w - 5 + 3w$

9.  $24 - 2d = 6d$

10.  $\frac{2}{3}a - 4 = 4$

11.  $13 - \frac{1}{8}j = -3$

12.  $\frac{g-7}{3} = 6$

13.  $-5 + x = 3x + 3$

14.  $6u - 3 = 2u + 5 + 3u$

15.  $6n - 9 = n + 6 - 10$

16.  $\frac{h+4}{-6} = 7$

17.  $\frac{-8-p}{3} = -10$

18.  $\frac{3}{5}f - 7 = 8$

19.  $9 - \frac{x}{2} = 5$

20.  $6 - 7g - 17 = 2g + 16$

21.  $\frac{a}{5} = -70$

22.  $\frac{3}{4}b - 21 = 48$

23.  $\frac{4}{5}m + 12 = 72$

24.  $\frac{4}{3}y - 15 = -51$

25.  $4(f - 6) = 28$

26.  $2(x - 3) = -18$

27.  $-4(x + 9) = -32$

28.  $3(x - 2) - x = 2(2x + 1)$

29.  $0.3(2a - 3) = 0.2a + 0.9$

30.  $3(1 - g) + 5 = 3(1 + g) - 7$

31.  $2q - (1 - q) = 11 - q$