

Practice Equations with Fractions and Decimals

SOLVE.

1. $3m + 4.5m = 15$

2. $7.8y + 2 = 165.8$

3. $3.5 = 12s - 5s$

4. $1.06y - 3 = 0.71$

5. $0.11p + 1.5 = 2.49$

6. $25.24 = 5y + 3.89$

7. $1.12 + 1.25y = 8.62$

8. $1.025x + 2.458 = 7.583$

9. $0.25m + 0.1m = 9.8$

10. $\frac{2}{3} + \frac{3}{4}k = \frac{71}{12}$

11. $\frac{1}{5} + \frac{3}{15}w = \frac{4}{5}$

12. $\frac{m}{6} - 7 = \frac{2}{3}$

13. $-2.5d - 32.7 = 74.1$

14. $0.2n + 3 = 8.6$

15. $18 - 3.8x = 7.36 - 1.9x$

16. $\frac{3}{2}y - 8 = 11$

17. $5 - \frac{1}{2}(w - 6) = 4$

18. $-3(2n - 5) = \frac{1}{2}(-12n + 30)$

19. $4(2p - 8) = \frac{1}{7}(49p + 70)$

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

21. $\frac{4t - 5}{-9} = 7$

22. $\frac{-3j - (-4)}{-6} = 12$

23. $\frac{m - 7}{5} = -3$

24. $\frac{x + 4}{-2} = -17$