

W/m 2/2/11

Review: Solve these expressions and equations.

13) $3^2 + 5(4 + 2^2) - 12$

14) $\sqrt{144} + 2^2 - |5| + 6\left(\frac{1}{3}\right)$

15) $-6x + 3 = 3x + 12$

16) $-2x + 5 = 5x - 2$

Solve for b:

7. $ab - c = s$

7. _____

8. $\frac{b+c}{3} = e$

8. _____

Solve:

9. $\frac{3}{4}w + \frac{7}{8} = \frac{3}{16}$

9. _____

10. $1.3x + .7 = 4.6$

10. _____

More Equations

Solve and check each equation.

$$1. \frac{x+3}{2} = 15$$

$$3. 1.2x + 4.3 = 2.1 - x$$

$$5. \frac{7}{8} - \frac{1}{3}n = \frac{1}{2}n - \frac{3}{4}$$

$$7. 4.2z = -4(0.6z - 1.2)$$

$$9. \frac{5}{2}t - t = 3 + \frac{3}{2}t$$

$$2. \frac{2r-3}{3} = \frac{3}{5}$$

$$4. \frac{3}{5}x - 2 = 6 + \frac{1}{4}x$$

$$6. 0.4r - 1.2 = 0.3r + 0.6$$

$$8. 4.4s + 6.2 = 8.8s - 1.8$$

$$10. \frac{m}{3} - \frac{1}{2} = \frac{m}{2} - \frac{1}{3}$$

Solve for x.

$$11. 7x = t$$

$$13. ax - c = b$$

$$15. e = rx$$

Solve for y.

$$17. ry + s = tx - m$$

$$19. x - 2y = 1$$

$$12. \frac{x-c}{2} = d$$

$$14. fx + 3y = 2z$$

$$16. 2p = kx - q$$

$$18. x + 3y = 1$$

$$20. \frac{2}{3}y + k = j$$