

Equations Worksheet 20

Solve each equation for y . Remember to show your work.

1. $2(x + y) = 6$

2. $2y = x + 8 - 3y$

3. $4(x - y) = 3$

4. $2(x + 3y) = 6$

5. $3(x - 2y) = -12$

6. $5(x + 2y) = 10x$

7. $-4(x + 8y) = 16$

8. $4(x - 8y) = -16$

9. $3(x - 6y) = 6x$

10. $\frac{1}{5}(x + 5y) = 10$

11. $\frac{1}{5}(x - 5y) = -10$

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

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

14. $\frac{3}{2}(x + 2y) = 12$

15. $\frac{1}{3}(x - 4y) = -12$