Math 017 Name:

Solve the following linear equations:

1. $2x + 5 = 11$
2. $2x + 5 = c$
3. $2x + b = c$
4. $ax + b = c$
5. $2(x - 1) = -8$
6. $2(x - 1) = c$
7. $2(x - b) = c$
8. $a(x - b) = c$
9. $7 = 3x + 5x$
10. $A = ax + 5x$
11. $A = ax + bx$
12. $\frac{x}{2} + 3 = 7$
13. $\frac{x}{a} + b = c$
14. $\frac{x - 3}{2} = 12$
15. $\frac{x + b}{c} = d$
16. $\frac{x + 1}{2} = \frac{x + 5}{3}$
17. $\frac{x + a}{b} = \frac{x + c}{d}$
18. $2x + 2y = P$
19. $\frac{2}{x} = \frac{1}{3}$
20. $\frac{a}{x} = \frac{b}{c}$
21. $\frac{2}{x - 1} = \frac{3}{7}$
22. $\frac{a}{x - 1} = \frac{b}{c}$
23. $\frac{a}{x + d} = \frac{b}{c}$
24. Solve for h: $2h + 2w = P$
25. Solve for r^2: $A = \pi r^2$
26. Solve for t: $d = rt$
27. Solve for r: $d = rt$
28. Solve for a: $\frac{a + b}{2} = c$
29. Solve for a: $\frac{a + b + c}{3} = d$
30. Solve for Q: $\alpha Q + \beta Q = \alpha + \beta$