Solve using square roots.

8. $x^2 = 49$ _____

9. $x^2 - 28 = 0$ _____

10. $4x^2 - 6 = 42$ _____

11. $3(x-2)^2 = 21$ _____

12. $\frac{1}{5}(x-4)^2 = 6$ _____

Solve each equation with the quadratic formula.

1) $10x^2 - 4x + 10 = 0$

2) $x^2 - 6x + 12 = 0$

3) $5x^2 - 2x + 5 = 0$

4) $4b^2 - 3b + 2 = 0$