1. Change the subject of the formula to g.
$$4f + 2g = 13$$

2. Change the subject of the formula to p.
$$8q - 3p = 12$$

3. Change the subject of the formula $\quad 3a^2 - 5b = 2$ to a.

4. Change the subject of the formula $\frac{p^2}{5} + q = 12$ to p.

5. Change the subject of the formula $\frac{5}{v} = \frac{v}{4w}$ to v.

6. Change the subject of the formula $\quad 3(2f + g) = 11 \quad$ to g.

7. The formula to convert a temperature from degrees Celsius to degrees Fahrenheit is

$$F = \frac{9}{5}C + 32$$

   Change the subject of this formula to C, and use it to convert 10 degrees Celsius to Fahrenheit.

8. Change the subject of the formula $\frac{5(2q-r)}{4} = \frac{p}{2}$ to r.

9. Change the subject of the formula $\frac{3}{v^2} = 2$ to v.

10. The volume of a sphere is calculated using the formula $V = \frac{4}{3}\pi r^3$.
    Change the subject of the formula to r.

11. Change the subject of the formula $v = 3\sqrt{q}$ to q.

12. Change the subject of the formula $4(v + 3w) = 2q$ to w.

13. Change the subject of the formula $\frac{2}{5}(a + 2b) = p$ to b.

14. Change the subject of the formula $4e = 12 - 5f^2$ to f.

15. Change the subject of the formula $\frac{1}{3}F = 4(T - 2)$ to T.