POW #14 - Algebra

Line Logic [Problem #17034]

The following five statements apply to a line in the coordinate plane:

1. The line is perpendicular to the line 5x + 6y = -18.
2. The line has a negative y-intercept.
3. The line passes through the point (6,8).
4. The line has a positive slope.
5. The line is parallel to the line 5x - 3y = -12.

Four of the statements are true and one is false. Find an equation of the line.