1) Determine the equation of a line in y = mx + b form that has a slope of -4 and goes through the point (-2, 5).

2) Determine the equation of a line in y = mx + b form that has a slope ¼ and goes through the point (4, 8).

3) Determine the equation of a line in y = mx + b form that is perpendicular to the line and goes through the point (-1, 4).

4) Determine the equation of a line in y = mx +b form that is parallel to the line y = -2x + 1 and has an x-intercept of 5.