Problem Card 1

Graph and write an equation for line *n*.

Data Card 1

- Line *n* intersects line *r* at *x* = 6.
- Line *n* passes through the point (3, -1).
- Line *n* crosses the *x*-axis at *x* = 4.5.
- Line *n* is a translation of line ℓ.

Problem Card 2

Graph and write an equation for line *p*.

Data Card 2

- Line *p* has the same *x*-intercept as line ℓ.
- Line *p* is a 90° rotation of line *r* using (-0.8, 4.4) as a center.
- Line *p* intersects line *r*.
- Line *p* is perpendicular to line *r*.