**10C – RF7 V1 Relations & Functions – Equations of Linear Relations**

**Part I:**

1. Determine the equation of the line.
	1. Has a slope of 0 and passes through the point (-3, 7).

**Part II:**

1. Determine the equation of a line with an *x*-intercept of 4 and a *y*-intercept of -2.
2. Determine the equation of a line that is parallel to $y=\frac{3}{4}x+4$ and passes through the point (0, -2).
3. Determine the equation of a line that is perpendicular to $y=\frac{3}{4}x+4$ and passes through the point (-6, 6).

**Part III:**

1. Determine the value of *n* if the linear relations form parallel lines when graphed.

$nx + 4y -2 = 0$ and $3x- 4y+7 = 0$