

## Unit 4: Linear & Non-Linear Relations

Lesson	Title	Homework
4.1	The Cartesian Plane	#1,2,3,4,5,6,7 plus puzzle
4.2	Linear vs. Non-Linear	Set 1: #1,3,4,6,8 Set 2:#6,7,8,9,10
4.3	Slope	Set 1: #1,3,4,5,6,8ace,9acegi,10,15ac Set 2: #3,5,8ace,9acegi,12,15,16a,17
4.4	Investigating $y=ax$ and $y=x+b$	#1 aceg, 2, 3ac, 4,5,6
4.5	Graphing $y=mx+b$	#1-8 (graph handout) #1-9 (puzzle handout)
4.6	Equation of a Line: Slope & Point	Set 1: #2,3,4,5bd,6ac,8,9,10,11 Set 2: #4, 5bd,6ac,8,9,10,11,12,15
4.7	Equation of a Line: 2 points	Set 1: #2, 3abc,4,5,7ac Set 2: #3abc,4,7ac,8,9
4.8	Problem Solving: Slope & Y-int	#1-6
4.9	Investigating Relations in Other Forms	Set 1: #1ab, 2ab,3ab,4ab, 5ab,6ab,7ab Set 2:#1a,2b,3ab,4a,5b,6c,7a,8ab,9ab,10ab
4.10	Inequalities	Set 1: #1ab,2ab,3ab,4ab,5ab,6ab,7ab,8ab Set 2: #1a,2a,3a,4a,5ab,6ab,7ab,8ab,9ab

**Test Date:** \_\_\_\_\_