

# Weeks 5 – 6: Geometry / Data Homework

## Untimed Exercises

### Chapter 5

(Difficulty levels are my own assessment)

Page	#	Subject	Format	Difficulty	Topic
116	4	Geo	QC	M	Sense of scale in drawings
130	2	Geo	NE	E	Perimeter / ratio
130	3	Data	NE	E	Mean / reading

### Chapter 7

(Difficulty levels are my own assessment)

Page	#	Subject	Format	Difficulty	Topic
262	17 (a, b, c)	Geo	NE	E	Pythagorean Theorem, area of triangle
281	10	Geo	NE	M	Lengths / areas / reading
283	13	Geo	NE	E	Area of circle
320	1	Data	NE	E	Measures; adjusting data
320	3	Data	NE	M	Mean / median of mixed sets
320	4	Data	NE	M	Mean / median of freq dist

### Ch. 8

(Difficulty levels are given by ETS)

Page	#	Subject	Format	Difficulty	Topic
156	2	Geo	QC	E	Area of triangle / rectangle
157	7	Geo	MC1	E	Angles of triangle
159	12	Geo	MC1	E	Pythag / area
160	2	Data	QC	M	Mean / median
163	11	Geo	MC1	M	Compound area
173	5	Data	MC1	M	Graph / mean
354	1*	Geo	QC	E	Pythag
359	20*	Data	MC1	E	Graph / range
359	21*	Data	MC1	E	Graph
362	1	Arith / data	QC	E	Rates
362	3	Geo	QC	M	Chords of circle / mean as midpoint

\* If you get stuck on these problems, you can view my solutions at the [GRE Math Test Simulacra Playlist](#).

***Optional hard problems***

<b>Page</b>	<b>#</b>	<b>Subject</b>	<b>Format</b>	<b>Difficulty</b>	<b>Topic</b>
165	2	Data	QC	H	Skew principle
166	4	Geo	QC	H	Area / % change
169	13	Data	NE	H	Mean of freq dist
170	15	Data	MC1+	H	Range / data sufficiency
173	7	Data	MC1	H	Mean
363	9	Data	QC	H	Median
368	23	Geo	MC1	H	Compound area
368	25	Geo	MC1	H	Areas / perimeters