

Week 3 Math Homework

Memorize

Memorize the Week 3 [math flash cards](#), and review Week 2.

Untimed Warmups

These problems relate to ratios, proportions, and percents. Page numbers are from the 3rd edition.

Chapter 5 (Difficulty levels are my own assessment)

Page	#	Subject	Format	Difficulty	Topic
116	3	Arith	QC	E	Percents
131	4	Arith	NE	M	Percent
133	1	Data	MC	M	Percent change

Chapter 7 (Difficulty levels are my own assessment)

Page	#	Subject	Format	Difficulty	Topic
232	9	Arith	NE	M	Percents
232	10	Arith	NE	M	Percent change
232	11	Arith	NE	M	Percent change
233	12	Arith	NE	M	Percent change
233	13	Arith	NE	M	Ratio with total
281	8 (NO only)	Geo	NE	M	Similar triangles (segment NO only)
282	12 ab	Geo	NE	M	Circumference / area of circle / arc / sector
322	17	Data	NE	E	Graph / percent
323	18	Data	NE	M	Graph / percent

Optional hard problems (for upper-half students only)

Page	#	Subject	Format	Difficulty	Topic
133	2	Data	NE	H	Percent / % change
133	3	Data	MC1+	H	Percent change
262	11	Alg	NE	H	Percent change
262	15	Alg	NE	H	Rate / proportions / translating
324	19	Data	NE	H	Graph / percent / reading

Timed exercises set 2 – Medium Pace

Who?

Almost everybody! Consult your entrance diagnostic scores. If your “Math total” was at or below 60%, then you should try testing at the medium pace.

How?

Set your timer to 22 minutes.

Follow the [R-S-T-U system](#) introduced last week. (Go back and view that video if you haven't yet).

This time, limit your first pass to 4 minutes / question.

Mark	Page	#	Set #	Subject	Difficulty
	155	1	Set 1	Arith	E
	156	3	Set 1	Arith	E
	158	11	Set 1	Arith	E
	159	14	Set 1	Data	E
	162	8	Set 2	Alg	M
	171	2	Set 4	Data	M
	173	6	Set 4	Data	M
	280	7		Geo	E
	281	8 (NO only)		Geo	M
	282	12c		Geo	M

Scoring

Answer keys pp. 174 – 175 and 284

# correct	Score range
10	160 – 163
9	158 – 160
8	154 – 156
7	152 – 154
6	150 – 151
5	147 – 148
4	145 – 147
3	141 – 143
2	137 – 139
1	130 – 135
0	130

Learn

Revisit the problems you missed, and learn from what you missed.

Conclusion

Did you do better at last week's slow pace? Then stick to the "Slow" math strategy.

Did your slow and medium score ranges overlap? Then stick to the "Medium" math strategy.

Did you do better at this week's medium pace? Then next week try the "Fast" timed test!