

Week 3 Intermediate Math Homework

These problems relate to proportions and percents. Page numbers are from the 3rd edition. Chapters 6 and 8 are the only ones that expressly give Easy / Medium / Hard levels. I have used my own judgement to categorize the problems in Chapters 5 and 7.

Recommended approach

1. View the week 3 lecture and memorize the Weeks 2 – 3 flash cards first
2. Attempt the following problems UNTIMED and CLOSED NOTES
3. Check your answers
4. Revisit the problems you missed, this time with notes (or review the lecture or use any other source that you find helpful)
5. Bring your lingering questions to class

Page	#	Subject	Format	Difficulty	Topic
116	3	Arith	QC	E	Percents
131	4	Arith	NE	M	Percent
133	1	Data	MC	M	Percent change
155	1	Arith	QC	E	Percent change
156	3	Arith	QC	E	Percent problem
158	11	Arith	MC1	E	Percent / ratio (you may save this one for next week if it's giving you trouble)
159	14	Data	Data / MC1+	E	Percent
162	8	Alg	MC1	M	Proportion
171	2	Data	Data / MC1	M	Percent problem
173	6	Data	Data / MC1	M	Percent change
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
280	7	Geo	NE	E	Similar triangles
281	8 (NO only)	Geo	NE	M	Similar triangles (segment NO only)
282	12	Geo	NE	M	Slice of pie
322	17	Data	NE	E	Graph / percent
323	18	Data	NE	M	Graph / percent