

Mean SAT Scores				
Verbal		Math		
Year	Male	Female	Male	Female
2000	507	504	533	498
2001	509	502	533	498
2002	507	502	534	500
2003	512	503	537	503
SOURCE: College Entrance Examination Board				

Organize this data using matrices.

Mean SAT Scores				
Verbal		Math		
Year	Male	Female	Male	Female
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Male

	Verbal	Math
2000	507	533
2001	509	533
2002	507	534
2003	512	537

Female

	Verbal	Math
2000	504	498
2001	502	498
2002	502	500
2003	503	503

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SOURCE: College Entrance Examination Board				

Here is another way to organize the data in matrices

Verbal

	Male	Female
2000	507	504
2001	509	502
2002	507	502
2003	512	503

Math

	Male	Female
2000	533	498
2001	533	498
2002	534	500
2003	537	503

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2000	507	504	533	498
2001	509	502	533	498
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2003	512	503	537	503
SOURCE: College Entrance Examination Board				

Here is yet another way to organize the data in matrices

Total Score

	Male	Female
2000	1040	1002
2001	1042	1000
2002	1041	1002
2003	1049	1006

A car dealership sells four different models of cars. The fuel economy (in mpg) is shown below. Organize this data using a matrix.

Economy car: 32 mpg in city driving, 40 mpg in highway driving

Mid-size car: 24 mpg in city driving, 34 mpg in highway driving

Mini-van: 18 mpg in city driving, 25 mpg in highway driving

SUV: 18 mpg in city driving, 22 mpg in highway driving

	CITY	HWY
EC	32	40
MID	24	34
MINI-V	18	25
SUV	18	22

You can now finish Hwk #21. Sec 4-1

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Due tomorrow

Problems 20-28