CHAPTER REVIEW



EXERCISES

1	EXAMPLES
	2, 3, 4, 5, and 7
d	on pp. 785–787
f	for Exs. 11–15

Divide.

11.	$(x^2 + 12x + 35) \div (x + 7)$	12.	$(y^2 - 5y - 8) \div (y - 3)$
13.	$(4z + z^2 - 1) \div (5 + z)$	14.	$(3a^2 - 2) \div (3 + 3a)$

15. CHARITY DONATIONS Sean intends to collect \$500 in individual donations for a charity. His company will contribute \$2 for every donation collected. Write and graph an equation that gives the average amount *a* (including the company contribution) that the charity will receive per individual donation as a function of the number *d* of donations.